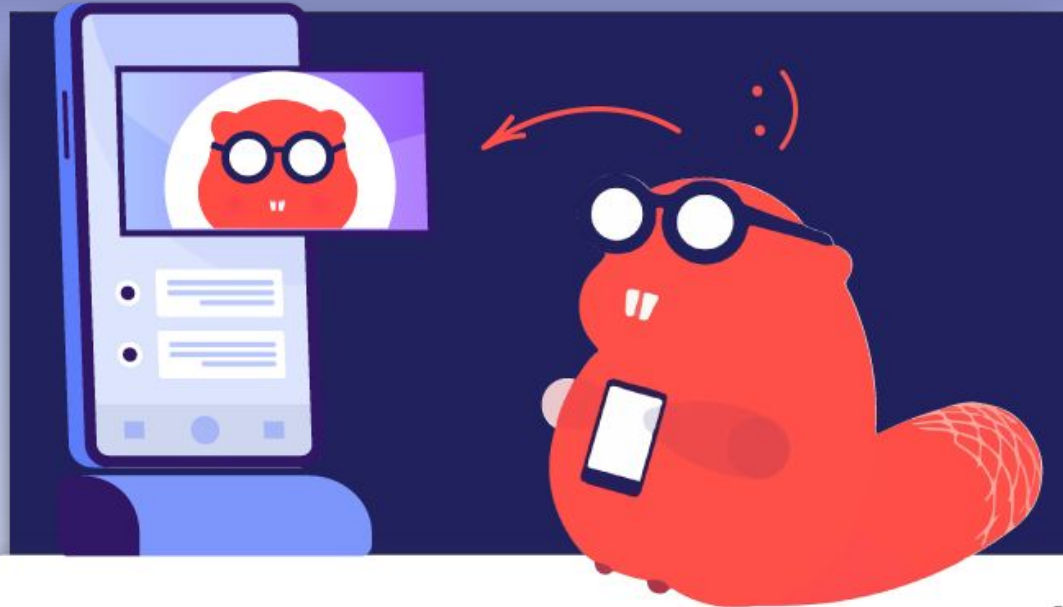


thinkable



**РАЗРАБОТКА МОБИЛЬНЫХ ПРИЛОЖЕНИЙ  
В THINKABLE. НАЧАЛО.**

# Начало работы



Введите название проекта в английской раскладке и нажмите кнопку «Create»

thunkable

My Projects Top Community Projects Public Gallery My Data Sources

filter by project name...

Create New App

MyApp

Public

Create New Project

New Project Name:

MyApp2

Category (Optional):

Please select category (at most 6)

Public  Everyone can access this project [here!](#)

Cancel Create

Snap Gram  
created by [albert](#)  
A cross between Instagram and Snapchat. We've created a

Translator  
created by [albert](#)  
Translates text into 93 languages in the world, powered by Yandex

SI  
Sign in Screen Neon Su...  
created by [nice-jimbo-slice](#)  
Template for a Sign In Screen. Please feel free to remix and use

Template: Sliding Drawer  
created by [nice-jimbo-slice](#)  
This template allows you to navigate to different slides with a

Event Template with pi...  
created by [nice-jimbo-slice](#)  
This event template includes an information screen, along with

# Определение



Программа - это последовательность команд, которые должно выполнить устройство

The screenshot displays the Thinkable development environment. On the left, there is a sidebar with a 'Tutorials' section and a 'Learn to build apps' button. The main workspace is divided into 'Design' and 'Blocks' panels. The 'Blocks' panel is highlighted with a red box and contains a sequence of code blocks for 'Screen1':

- Control
- Logic
- Math
- Text
- Lists
- Color
- Device
- Objects
- Variables
- Functions
- Screen1
- Any Component

The code blocks in the sequence are:

- if do
- if do else
- navigate to Screen1
- wait 1 seconds
- forever
- repeat 10 times do
- count with i from 1 to 10 by 1 do

The top navigation bar includes options like Live Test, Share, Make Copy, Download, Publish, Help, Community, and Account. The bottom right corner features a chat icon.

# Работа с Label



Свойство Color задает цвет надписи,  
установите красный цвет для надписи

The screenshot displays the Thinkable app development environment. On the left, there is a sidebar with a 'Tutorials' section and a list of 'Thinkable Basics' including 'Platform Overview', 'Translation App', 'Image Recognition App', 'Positioning Components', 'Switching Screens and Navigators', and 'Storing Information with Variables'. The main workspace is titled 'Design' and shows a mobile app preview for 'MyApp2' on 'Screen1'. The app preview features a yellow background with a blue button labeled 'Button' and a red dashed box around the text 'Приветствуем Вас!'. The right-hand side shows the 'Label1' properties panel, which is currently set to 'Simple' mode. The 'Text' field contains 'Приветствуем Вас!'. The 'Font Size' is set to 20, and the 'Number Of Lines' is empty. The 'Color' property is highlighted with a red box and set to 'rgba(218, 4, 4, 1)'. Other properties like 'BackgroundColor', 'Font Style', and 'Font Weight' are also visible.



# Работа с Button



Сделайте надпись на кнопке жирным начертанием (переключатель Font Bold)

The screenshot shows the Thinkable app builder interface. On the left, there are navigation tabs for 'Tutorials' and 'Thinkable Basics'. The main workspace displays a mobile app design with a yellow background and a white button containing the text 'Приветствуем Вас!' and a blue 'OK' button. The right sidebar shows the design properties for the selected button, including 'Border', 'color', 'style', and 'Font Bold'. The 'Font Bold' toggle is currently set to 'true' and is highlighted with a red box.

# Знакомство с меню блоков



Справа находится рабочая область, где блоки будут собираться в программу

The screenshot displays the Thinkable development environment. On the left, there is a sidebar with a 'Tutorials' section and a 'Learn to build apps' button. Below that, a 'Thinkable Basics' menu lists various topics like 'Platform Overview', 'Translation App', and 'Positioning Components'. The main interface is divided into three panels: 'Design', 'Blocks', and 'Screen1'. The 'Blocks' panel shows a list of components such as 'Control', 'Logic', 'Math', 'Text', 'Lists', 'Color', 'Device', 'Objects', 'Variables', 'Functions', 'Label1', 'Button1', 'Screen1', and 'Any Component'. The 'Screen1' panel displays a sequence of code blocks for the screen's logic, including 'when Screen1 Opens', 'when Screen1 Starts', 'in Screen1 call ToggleDrawerMenu', and several 'from Screen1' blocks for setting background color, picture, and justification. On the right side, a large empty workspace is outlined in red, representing the area where the blocks are assembled into a visual design. The top of the interface features navigation and utility icons like 'Live Test', 'Share', 'Make Copy', 'Download', 'Publish', 'Help', 'Community', and 'Account'.

# Знакомство с блоками



БЛОКИ МОГУТ БЫТЬ РАЗНЫХ ЦВЕТОВ. ЭТО  
Назначение данного блока – это  
выполнение помещенных в него команд  
ИСПОЛЬЗОВАТЬСЯ

The screenshot shows the Thinkable web interface. On the left, there's a sidebar with 'Tutorials' and 'Learn to build apps' section. The main workspace is titled 'Screen1' and contains a block with the text 'when Button1 Click do'. A yellow callout box is overlaid on the workspace with the text: 'Блоки, которые запускаются при возникновении каких-то условий или событий называются обработчиками'. The top navigation bar includes options like 'Live Test', 'Share', 'Make Copy', 'Download', 'Publish', 'Help', 'Community', and 'Account'.

# Программа для Label1



Измените текст надписи в розовом блоке на «Нажата кнопка!»

The screenshot shows the Thinkable app development environment. On the left, there is a sidebar with a 'Tutorials' section containing a blue box with the text 'Learn to build apps' and 'Follow along with the videos below to learn how to build apps with Thinkable.' Below this is a 'Thunkable Basics' section with a list of topics: Platform Overview, Translation App, Image Recognition App, Positioning Components, Switching Screens and Navigators, and Storing Information with Variables. The main workspace is divided into 'Design' and 'Blocks' tabs. The 'Blocks' tab is active, showing a code block for a button click event. The code block is structured as follows: 'when Button1 Click' followed by 'do from Label1 set Text to "Нажата кнопка!"'. The 'Text' property of the Label1 block is highlighted in green. The 'Design' tab shows a list of components: Control, Logic, Math, Text, Lists, Color, Device, Objects, Variables, Functions, Label1, Button1, Screen1, and Any Component. The 'Screen1' tab is also visible, showing a 'Public' button. The top right corner of the interface contains navigation and utility icons: Live Test, Share, Make Copy, Download, Publish (with a 'New' badge), Help, Community, and Account.

# Программа для Button1



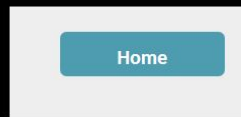
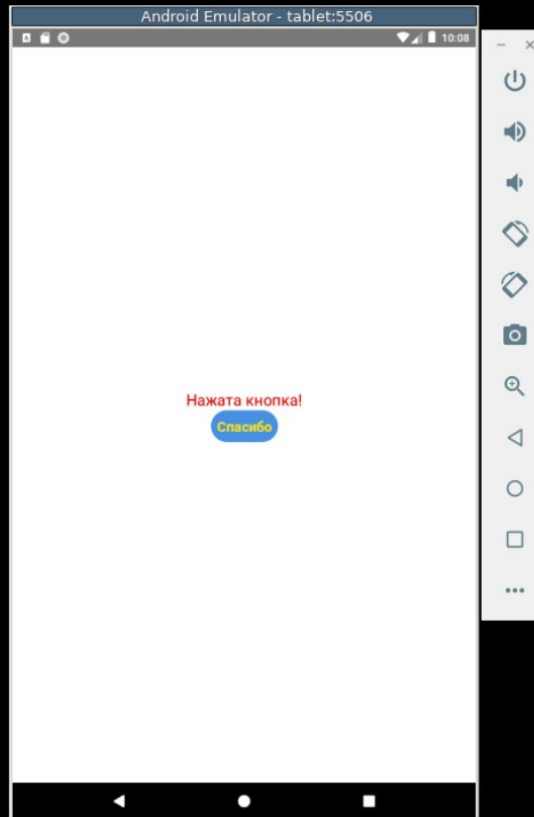
Добавьте блок в обработчик и напишите текст «Спасибо»

The screenshot shows the Thinkable development environment. On the left, there's a sidebar with 'Tutorials' and 'Learn to build apps' section. The main workspace is titled 'Screen1' and contains a code block for a 'Button1 Click' event. The code block has a 'do' section with two 'set Text' blocks: one for 'Label1' with text 'Нажата кнопка!' and one for 'Button1' with text 'Спасибо'. The 'Blocks' panel on the left lists various components like Control, Logic, Math, Text, Lists, Color, Device, Objects, Variables, Functions, Label1, Button1, Screen1, and Any Component. The top navigation bar includes options like Live Test, Share, Make Copy, Download, Publish, Help, Community, and Account.

# Тестирование программы



Нажмите на Кнопку и посмотрите, что изменится в работе программы



# Интерфейс программы



Программа выполняет дальнейшие действия - меняет текст надписи

The screenshot displays the Thinkable app builder interface. On the left, there are navigation menus for 'Tutorials' and 'Add Components'. The main workspace shows a mobile app design for 'MyApp2' on 'Screen1'. A red box highlights the 'Screen1' component in the component list, with a red arrow pointing to the app's visual representation. The app design features a yellow background with a red border, containing a text label 'Приветствуем Вас!' and a blue button labeled 'OK'. Three yellow callout boxes with black text identify these elements: 'компонент Экран' (Screen component), 'компонент Надпись' (Text component), and 'компонент Кнопка' (Button component). The right side of the interface shows the 'Properties' panel for the selected 'Button1' component, with settings for text color, font size, and background picture.



# Добавление элементов программы



Так же можно поменять цвет экрана

The screenshot displays the Thinkable app builder interface. On the left, there is a sidebar with a 'Tutorials' section and a 'Learn to build apps' card. Below this, there are sections for 'Thunkable Basics' and 'Add Components'. The 'Add Components' section includes a search bar and a list of components: Button, Label, Text Input, List Viewer, and Web Viewer. The main workspace shows a design view of a screen named 'Screen1' with a green background. A blue button with the text 'Надпись' is visible. The right sidebar shows the properties for 'Screen1', with the 'BackgroundColor' property highlighted in red, showing the value 'rgba(184, 233, 134, 1)'. The top navigation bar includes options like 'Live Test', 'Share', 'Make Copy', 'Download', 'Publish', 'Help', 'Community', and 'Account'.

# Программа для Button2



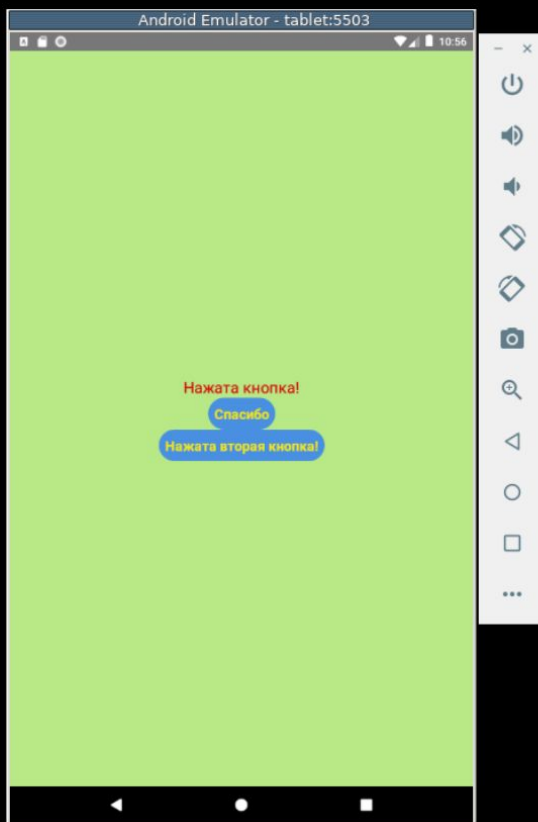
Измените текст надписи на «Нажата вторая кнопка!»

The screenshot shows the Thinkable app development interface. On the left, there is a sidebar with a 'Tutorials' section containing a blue box with the text 'Learn to build apps' and 'Follow along with the videos below to learn how to build apps with Thinkable.' Below this are sections for 'Thunkable Basics' and 'Storing Information with Variables'. The main workspace is divided into 'Design' and 'Blocks' panels. The 'Design' panel shows a list of components: Control, Logic, Math, Text, Lists, Color, Device, Objects, Variables, Functions, Label1, Button1, Button2, Screen1, and Any Component. The 'Blocks' panel shows two event-driven code blocks for 'Screen1'. The first block is triggered by 'Button1 Click' and contains two 'do' actions: 'from Label1 set Text to "Нажата кнопка!"' and 'from Button1 set Text to "Спасибо"'. The second block is triggered by 'Button2 Click' and contains one 'do' action: 'from Button2 set Text to "Нажата вторая кнопка!"'. The top navigation bar includes options like 'Live Test', 'Share', 'Make Copy', 'Download', 'Publish', 'Help', 'Community', and 'Account'. A 'Public' button is visible in the top right corner of the workspace.

# Тестирование программы



Нажмите на кнопки и посмотрите, как работает приложение



Zoom



Home

# Добавление элементов интерфейса



Над переключателем разместите надпись «Поздравить с днем Рождения!»

The screenshot displays the Thinkable app builder interface. On the left, there is a sidebar with a 'Tutorials' section and a 'Learn to build apps' button. Below this, there are links for 'Platform Overview', 'Translation App', 'Image Recognition App', 'Positioning Components', 'Switching Screens and Navigators', and 'Storing Information with Variables'. The main workspace is titled 'MyApp2' and shows a mobile app design. The design features a green background with a yellow top and bottom bar. The text 'Приветствуем Вас!' is displayed in red, followed by a blue 'ОК' button. Below this, a label with the text 'Поздравить с днем Рождения!' is highlighted with a red dashed border and a red arrow pointing to it. Below the label is another blue button labeled 'Надпись'. The 'Add Components' panel on the left shows a search bar and a list of components: 'Button', 'Label', 'Text Input', 'List Viewer', and 'Web Viewer'. The 'Label' component is highlighted with a red box. The 'Design' panel on the right shows the selected 'Label2' component with its properties: Text ('Поздравить с днем Рождения!'), Font Size (18), Number Of Lines, Color (rgba(...)), BackgroundColor (rgba(...)), Font Style (Select option), and Font Weight (Select option).

# Добавление условия в программу



Условие в данном блоке будет проверять, активен ли переключатель

The screenshot shows the Thinkable app development interface. On the left, there is a sidebar with a 'Tutorials' section and a list of categories including 'Learn to build apps', 'Thunkable Basics', and 'Storing Information with Variables'. The main workspace is divided into 'Design' and 'Blocks' tabs. The 'Blocks' tab is active, showing a 'when Button1 Click' block. This block contains an 'if' condition. The 'if' block has a 'do' section with a 'do' block and an 'else' section with an 'else' block. Three yellow callout boxes provide instructions: 'Если переключатель активен' points to the 'if' block, 'Поменять текст на поздравительную надпись' points to the 'do' block, and 'Иначе (если не активен) выводить предыдущую надпись' points to the 'else' block. The top navigation bar includes options like 'Live Test', 'Share', 'Make Copy', 'Download', 'Publish', 'Help', 'Community', and 'Account'. The bottom right corner has a trash icon and a chat icon.

thinkable

Live Test Share Make Copy Download Publish Help Community Account

Screen1 + Public

Learn to build apps  
Follow along with the videos below to learn how to build apps with Thinkable.

Thunkable Basics

- Platform Overview
- Translation App
- Image Recognition App
- Positioning Components
- Switching Screens and Navigators
- Storing Information with Variables

Design Blocks

Objects  
Variables  
Functions  
Label1  
Button1  
Label2  
Switch1  
Button2  
Screen1  
Any Component

when Button1 Click

do if

do

else

Если переключатель активен

Поменять текст на поздравительную надпись

Иначе (если не активен) выводить предыдущую надпись

# Доработка программы



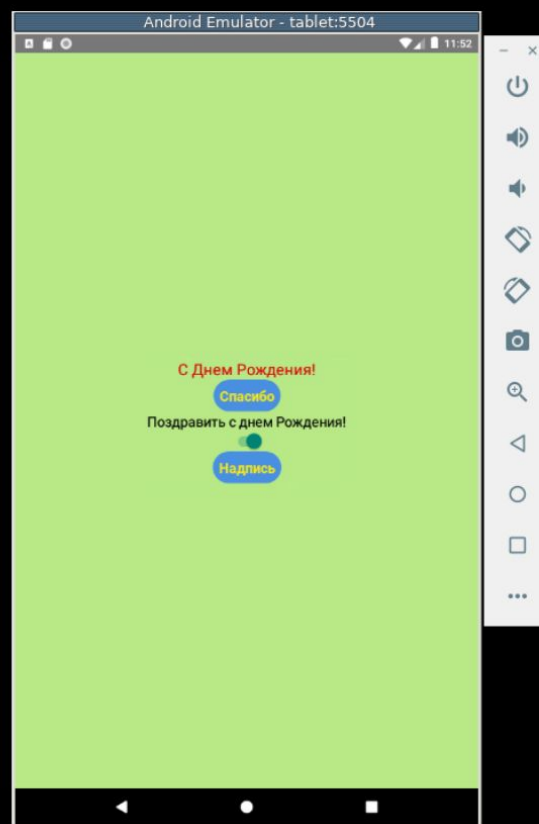
Для второй позиции добавьте блок меняющий надпись на «С Днем Рождения!»

The screenshot shows the Thinkable app development interface. On the left, there is a sidebar with a 'Tutorials' section and a 'Learn to build apps' button. Below that, there are categories like 'Thunkable Basics', 'Platform Overview', 'Translation App', 'Image Recognition App', 'Positioning Components', 'Switching Screens and Navigators', and 'Storing Information with Variables'. The main workspace is divided into three panels: 'Design', 'Blocks', and 'Screen1'. The 'Design' panel shows a list of components: Control, Logic, Math, Text, Lists, Color, Device, Objects, Variables, Functions, Label1 (highlighted with a red box), Button1, Label2, Switch1, Button2, Screen1, and Any Component. The 'Blocks' panel shows a list of code blocks for Label1, including 'set Text', 'get Text', 'set Font Size', 'get Font Size', 'set Number of Lines', 'get Number of Lines', 'set Color', 'get Color', 'set Background Color', 'get Background Color', 'set FontStyle', and 'get FontStyle'. The 'Screen1' panel shows the main code logic. It starts with a 'when Button1 Click' event, followed by an 'if' block that checks the value of a switch. If the switch is on, it sets the text of Label1 to 'С Днем Рождения!'. If the switch is off, it sets the text of Button1 to 'Спасибо'. Below this, there is another 'when Button2 Click' event that sets the text of Button2 to 'Нажата вторая кнопка!'.

# Тестирование программы



Запустите приложение, активируйте переключатель и нажмите на кнопку



Zoom



Home



# Добавление изображения



Отключите видимость компонента Image1 (Visible), чтобы изначально скрыть картинку

The screenshot displays the Thinkable app builder interface. On the left, there is a sidebar with 'Tutorials' and 'Thinkable Basics' sections. The main workspace shows a mobile app design with a green background and a yellow header/footer. The design includes a red text label 'Приветствуем Вас!', a blue 'ОК' button, a text input field with 'Поздравить с днем Рождения!', and a blue 'Надпись' button. On the right, the 'Image1' component settings panel is open, showing options for 'Picture' (1.gif), 'Picture Resize Mode' (Select option), 'Height' (Absolute Size, 150), and 'Width' (Absolute Size, 150). The 'Visible' property is set to 'false' and is highlighted with a red box.

# Программа для изображения



Добавьте в обработчик второй кнопки вторую команду снизу

The screenshot displays the Thinkable app editor interface. On the left, there is a sidebar with a 'Tutorials' section and a 'Learn to build apps' button. Below this, there are categories like 'Thunkable Basics' and 'Storing Information with Variables'. The main workspace is divided into three panels: 'Design', 'Blocks', and 'Screen1'. The 'Design' panel shows a list of components including Control, Logic, Math, Text, Lists, Color, Device, Objects, Variables, Functions, Label1, Button1, Label2, Switch1, Button2, Image1, Screen1, and Any Component. The 'Blocks' panel shows a list of code blocks for Image1, including 'set Picture to 1.gif', 'get Picture', 'set resize mode to cover', 'get resize mode', 'set Height to 150', 'get Height', 'get Computed Height', 'set Width to 150', 'get Width', 'get Computed Width', 'set Visible to true', and 'get Visible'. The 'Screen1' panel shows two event handlers: 'when Button1 Click' and 'when Button2 Click'. The 'when Button2 Click' handler has two blocks: 'from Button2 set Text to "Нажата вторая кнопка!"' and 'from Image1 set Visible to true'. A red arrow points from the 'from Image1 set Visible to true' block in the 'Blocks' panel to the corresponding block in the 'when Button2 Click' handler in the 'Screen1' panel.

# Отладчик приложений



Окно отладчика позволяет быстро протестировать работу программы

The screenshot displays the Thinkable Live app interface. The main content area shows a birthday greeting in Russian: "С Днем Рождения! Спасибо Поздравить с днем Рождения! Нажата вторая кнопка!". Below the text is an image of a heart-shaped cookie with the words "С Днем Рождения!" written on it. The interface is overlaid with a mobile preview window titled "Preview your app on your device". This window contains instructions to login to the Thinkable Live app on a mobile device and provides download links for the App Store and Google Play. The background shows the Thinkable web interface with a sidebar menu and a top navigation bar.