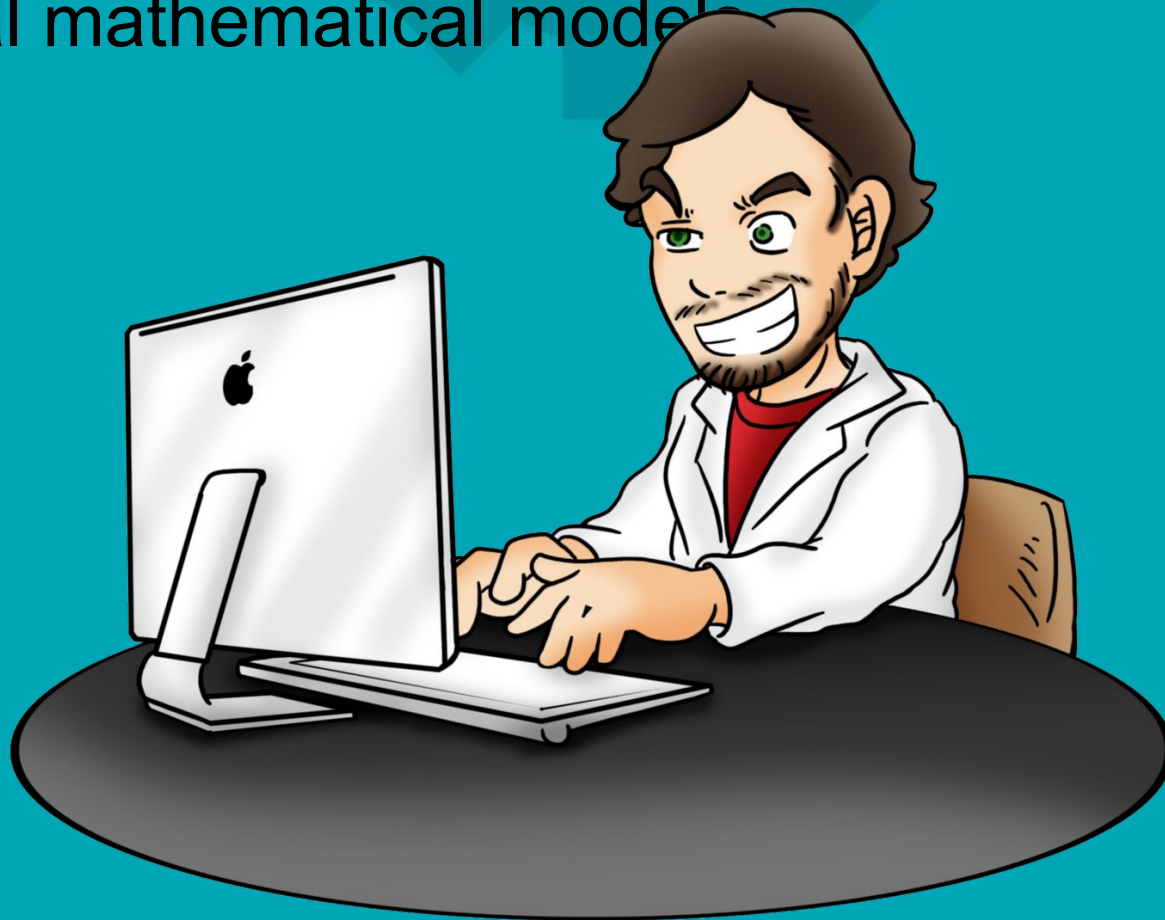


My future profession



Who are programmers?

- Programmer is a specialist who develops algorithms and computer programs based on special mathematical models.



Programmers can be divided into three categories depending on their specialization:

- **Application programmers** are mainly engaged in the development of software used to work in the organization.
- **System programmers** develop operating systems, work with networks, write interfaces to various distributed databases. Specialists in this category are among the rarest and highest paid.
- **Web programmers** also work with networks, but in most cases with global networks such as the Internet. They write the software component of websites, create dynamic web-pages, web-interfaces for

Personal quality

First of all, a programmer must have patience and endurance. This is the absolutely indispensable quality in his work.

Programming is a rapidly developing area, so you need to be able to adapt quickly and constantly learn something new. Otherwise, after a few years, your value as a specialist can significantly decrease.

Ability to objectively assess the capabilities of technologies and their use in each case.

That it did not turn out so that firewood is sawn with application of the latest laser developments

The functions of a programmer

- **The programmer is engaged in the development, debugging and testing of software. It can be computer games, and programs to support and upgrade Internet sites, and programs that allow companies to automate their business processes. Very often companies are looking for "narrow" specialists – for example, programmers 1C, all very knowledgeable of the platform of 1C 8 (or 1C 7.7) and having the experience of implementing these software packages and finalize individual modules in accordance with the needs of a particular firm. In foreign and Russian companies that produce software, developers of new**

Interesting facts about programming

- **1. Programmer's day is celebrated on September 12. The day is not chosen randomly and symbolically: it is the 256th day of the year, and 256 is the number of numbers that can be expressed in eight-bit bytes.**



- **2. With a quarter of the time in programming is spent thinking about what the user can do wrong and**

- 3. The programmer is not a computer repair specialist. Although thanks to entrenched stereotypes they are constantly asked to fix computers and even household appliances.

4. The Python programming language is not named after pythons at all, although icons, logos and ubiquitous fan images depict them. The author of the language loved the TV series "Flying circus Monty Python's" and named the language after him.

