

**Development of methods  
for determining testing  
strategy software systems  
that operate in complex  
computer systems**

Kutueva Irina 1374

Software testing - the process of investigation, testing the software, which has two different objectives:

- developers and customers to demonstrate that the program complies with the requirements;
- to identify situations in which the behavior of the program is wrong, desirable or not relevant specification

## Software quality includes:

- Reliability;
- Maintainability;
- Practicality;
- Efficiency;
- Mobility;
- functionality.

## The classification of types of testing:

- By testing facility;
- According to the knowledge of the system;
- According to the degree of automation;
- According to the degree of isolation of components;
- At the time of testing;
- On the basis of scenarios positivity;
- According to the degree of readiness for testing.

## Basic testing processes:

- Planning and control;
- Analysis and Design;
- Implementation and execution;
- Evaluation of exit criteria and reporting;
- The adoption of the decision on adequacy test.



Thank you for attention!