

Creating computer programs in Python



Beginner level

Materials prepared by the department
of methodological development department



Revision of the previously covered material. Conditions

The if command is a command to check the condition.

If we want some code to be executed not always, but only under some condition, we have to use the if command. After if comes the condition to be checked and a colon (:). And the code we want to execute is written on the next line, with an indent of 4 spaces.

```
if condition:  
    code
```

Conditions can be different: mathematical (greater than, less than, or equal , etc) and logical (checking if an element in a list/string, and, or, negation).

> Greater than < Less than == Equals != Not equals

in

Check the occurrence of the left part in the right part.

not

Negates the condition

True, False

Data type bool, boolean

and

Combines two conditions, returns True only if both conditions are true

or

Combines two conditions, returns True if at least one of the conditions is true

f 'text { name of variable } text'

Creating a formatted string, the variable is enclosed in curly braces