Creating computer programs in Python

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Beginner level

Materials prepared by the department
of methodological development department

Notepad. Part 3

Variables can be local or global;

You create global variables at the program level and you can see them everywhere (including inside functions);

Local variables are created in some program blocks, in functions or in the for loop between for and in. They live only inside their blocks (e.g., a variable created in a function cannot be used outside this function);

It is not possible to simply change a global variable. To do so, it is necessary to explicitly specify that we are working with a global variable with the command global

```python
color = 'red'
def change_color():
    global color # now the color variable can be changed
```

global color

The color variable is now global and can be changed within the function.

import tkinter.messagebox **as** tkm

Library for working with information windows.

tfd.askokcancel()

Creating a window with a question (returns True if the user clicked "Ok", False if he clicked "Cancel")