

Lab 3.1.5.1 The conditional statement - more conditional

Objectives

Familiarize the student with:

- Conditions and conditional executions with the *else* statement
- Fixing errors in a program
- Printing on screen

Scenario

Check the program below. Find all possible compilation errors and logic errors. Fix them and try to find proper conditions for all three statements. Your version of the program must print the same result as the expected output. Before you use your compiler, try to find the errors only by manual code analysis.

```
#include <stdio.h>

int main(void)
{
    int a = 10;

    if (a > 9)
        puts("First condition is true");
    else
        puts("First condition is false");

    if (a < 9)
        puts("Second condition is true");
    else
        puts("Second condition is false");

    if (a != 9 + 1)
        puts("Third condition is true");
    else
        puts("Third condition is false");
    return 0;
}
```

Example output

```
First condition is true
Second condition is false
Third condition is true
```