Introduction To Computer Programming
Laboratory 01

Labwork

1. Create your first project. Create and add a new source code file to the project. Write the simplest C program given below, which prints the "Hello World" message to console. Build and run your program. Examine console output. Examine the source code. Guess which instruction does what.

```
#include <stdio.h>

int main(void)
{
    printf("Hello World! ");
    return 0;
}
```

Modify the arguments of printf function to print your and your group partner's names to console on different lines.

2. Create a new project different from your first project. Don't forget to create a new source code file, too. Copy source code in the provided file lab02u2.txt. Build and run the program. Examine what program does. Examine the source code. How easy is it to read the code? Format the source code by using "Format use AStyle" from right-click menu. Is it easier to read the source code now?

3. Create a new project. Download the provided file lab01u3.c and move it to your project directory. Then use "Add files…" to add the downloaded source code your project. Build and run the program. Examine the program and source code.

4. Download the provided project folder lab01u4 and move it to your workspace directory. The use "Open" to add the downloaded project to your workspace. Build and run the program. Examine the program and source code.

5. If you have completed all previous questions, then it is time to save your workspace. Use "Save workspace as…" to save your workspace into a file with ".workspace" extension. It is best to save the workspace file to workspace folder. After you have saved your workspace, close CodeBlocks and answer yes when CodeBlocks asks "*Project* has changed. Do you want you save?". Reopen CodeBlocks and use "Open" to open your previously saved workspace. Check if all 4 of your previous projects are available, and if you can build and run them. Remember to "Activate project" before building and running. If everything is o.k., you can close CodeBlocks and copy your workspace folder into an USB stick and archive for later reference.