

Electrical Engineering and Information Technology, B.Eng.
Introduction to the C Programming Language: Exercises

Exercise Sheet 0

1. Exercise. Get access to the „Lernplattform der Frankfurt University of Applied Sciences“:
<https://elearning.frankfurt-university.de/>
On the left column you get some explanations about how to register in the document „Start mit Moodle“ (Exercise your German language knowledge).
To register press the Login-button on the right side.
On the next page you press „Neuen Zugang anlegen?“ on the bottom of the side.
Complete the form. For „Zugehörigkeit“ you can take „Fb 2 Informatik und Ingenieurwissenschaften“.
Find my course „Güsmann: C_VGU15“ in
„FB 2 Informatik und Ingenieurwissenschaften“/„Informatik Studiengänge“/„B.Sc. Informatik“/Seite 2
Keyword is „C_VGU15“
Read the document „TestMoodleText“ .
2. Exercise. Install a Visual Studio Project. Edit, compile and run a program:
This description is for Windows 7 and Visual Studio 2008.
Start Visual Studio.
Press „Create: Project“ on the left side. A window „New Project“ opens.
Click „Visual C++“ and „Win32 Console Application“. Enter a name and a location (directory). It is not necessary to Click the check box „Create directory for solution“. If you do, you enter also a solution name. The name and the solution name can be identical.
Click „ok“. The window „Win32 Application Wizard“ opens and confirms that you create a Console application. Press „Next“. A new window opens. The Application type „Console application“ is checked and as a „Additional option“ the „Precompiled header“ is checked. This header is essential, the compiler needs it for compilation. Press „Finish“. A window with a program template opens.
Do **not delete** the line „#include „stdafx.h“ “. This line is essential for the compiler.
Change the program template to

```
int main()
/*****
/* A function, which prints Hello Vietnam to the screen */
*****/
{
    printf(“Hello Vietnam \n”);
    return 0;
} /* END_main() */
```


Enter <Strg> <s> or click the safe symbol disk.
Press the Build button and select Build „Project name“.
At the bottom of the Visual Studio window you get information about the correctness of your program.
If there are no errors indicated, press Debug and select „Start without debugging“.
A window opens and shows the output of your program.