

Object-Oriented Programming

Due: 24 March 2009

1. Make sure that you are able to log in and edit a file. Enter the program from the slides (hello world), and make sure that you are able to compile it.
2. Modify the hello world program as follows. It should ask you the following:

```
What is your native language, type
(1) for english, (2) for polish, (3) for german, etc.
```

(Add your own language.) After that, the program should greet you in the selected language. Use `if` statements.

3. Modify the program of Task 2 in such a way that it reasks, when the user enters an invalid number:

```
What is your native language, type
(1) for english, (2) for polish, (3) for german, (4) for tagalog,
5
That is not a valid language.
What is your native language, type ...
```

Use a `do{ } while()` statement for the reasking, and `if()` statements for the language selection.

4. Write a program that asks for an unsigned integer, and computes its factorial.

$$0! = 1, \quad n! = 1.2.3. \dots (n-1).n.$$

Use a `while` statement.