

# Object-Oriented Programming

Deadline: 15 March 2011

1. Find out what is the path to your home directory. Show that you are able to type `ls \`, and find back the path to your home directory.
2. Type `which g++` to find out in which directory the `C++` compiler is situated.
3. Create a directory `hello`. In this directory, create a file `hello.cpp` with the following contents:

```
#include <iostream>

int main( int argc, char* argv [ ] )
{
    std::cout << "hello world!\n";
    return 0;
}
```

4. Create a Makefile for compiling the previous programme. Use `make` to compile it.
5. Modify the previous programme into

```
#include <iostream>
#include <string>

int main( int argc, char* argv [ ] )
{
    std::cout << "what is your name? \n";
    std::string name;
    std::cin >> name;
    std::cout << "hello, " << name << "!\n";
    return 0;
}
```