

1. EDIT

- Open the Terminal application (this should be in your dock...)
- At the “bash” prompt (probably looks like student\$), type:

```
student$ pico hello.cpp
```

(*pico* is a “text editor”)

- Type in the code for the “hello world” program (be mindful of punctuation and spelling and letter case!)
See notes for lecture 1.2 for the content of the “hello world” program.
- Click on the **ctrl** and **X** keys at the same time to save your program and exit pico

2. COMPILE

- At the “bash” prompt (probably looks like student\$), type:

```
student$ g++ hello.cpp -o hello
```

- Are there any error messages? If yes, then go back to EDIT and fix them; then do the above step again
- When your code is error free, you are ready to run your program!

3. RUN/TEST

- From inside the Terminal window, type the following:

```
student$ ./hello
```

- You should see the text that follows “cout”, i.e., hello world

4. Now play with it!

- Go back to the EDIT step and change the message that your program displays
- Each time you make a change, save your program and exit pico; compile it using `g++` and run it.
- Don’t make too many changes at once—always compile and test every little step. That way, you are more assured of maintaining code that runs :-)
- Try adding another line with another “cout” command
- Try deleting the `\n` characters