

Exercises #2

[1*] 1. What does a compiler do? What does a linker do?

[1*] 2. Change the *Hello, world!* program to output the two lines:

Hello, programming!

Here you go!

[1*] 3. Is this a valid program? Why or why not?

```
#include <iostream>
int main() { std::cout << "Hello, world!" << std::endl; }
```

[1*] 4. Is this a valid program? Why or why not?

```
#include <iostream>
int main() std::cout << "Hello, world!" << std::endl;
```

[1*] 5. What is the shortest valid program?