

README

The assignment guide for CSC3002, 22Fall.

You may use `.txt` file to test individual problem on your own computer before submitting to OJ, using the command line to compile and run:

1. Compile

- for making all the problems to the corresponding executable programs:

```
make all
```

- for making an individual problem to an executable program (problem 1 is `p1`, problem 2 is `p2` ... for instance):

```
make p1
```

2. Run & Test

then you use following command to run the program, with the given test input in `p1.txt` (we use `p1` for instance).

The `<` in the command suggests the input file name, choose your desired test input file is also okay.

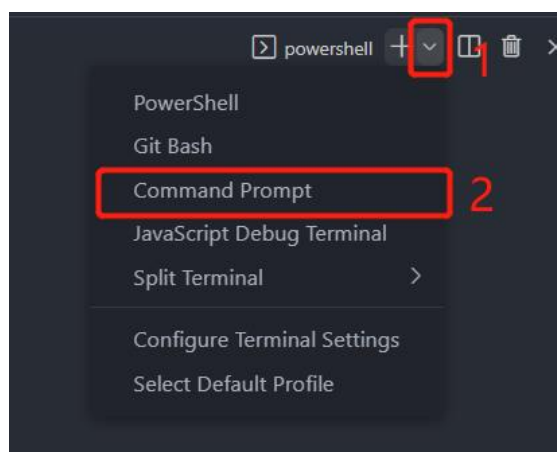
2.1 macOS

```
./p1 < p1.txt # for macOS
```

2.2 Windows

```
p1.exe < p1.txt # NOTE: for win, you can only use "cmd" to run this command, "powershell" may lead to failures.
```

- If your default terminal in VS Code is `powershell`, you can open a new `cmd` terminal by this:



3. Clean

To clean the intermediate `.o` object code and final executable files, you can run:

3.1 macOS

```
make clean
```

3.2 Windows

The delete files command on the Windows is not `rm`. So you need to change the last block of `Makefile`, from

```
clean:
    rm -f *.o *.a $(PROGRAM)
```

to

```
clean:
    del *.o *.a *.exe
```

And then run the `make clean` at the terminal.

4. Submit

Please refer to `Blackboard > Tutorial Notes > Tutorial 3 > OJSystem-guideline.pptx` for registry on the OJ system.

On OJ, you only need to copy and paste the content from corresponding `.cpp` file for each individual question. For instance, in Problem 1, you need to paste the **whole content** of file "Combinatorics.cpp" onto the submission part in the OJ system, then click "Judge" to get your program run.

5. Miscellaneous

- Remember, DO NOT modify anything except the `TODO` part in the `.cpp` file in your "OJ_templates", otherwise your program will not be able to compile, and leads to zero mark.
- Notice that the score after pre-test is not your final score. Please check the score after our assignment due date.