

Vocareum Walkthrough

1) READ MY COMMENTS

[Submit](#)

Rename Delete Copy

work/Makefile

- work

Makefile

hw1.c

+ LatestSubmission

File: work/Makefile

```
1 # DON'T TOUCH THIS FILE!!
2 # DON'T TOUCH THIS FILE!!
3 # DON'T TOUCH THIS FILE!!
4 CC = gcc
5 CFLAGS = -Wall
6 sources = $(wildcard *.c)
7 objects = $(sources:.c=.o)
8
9 make_homework: $(objects)
10     $(CC) $(CFLAGS) -o hw1 $(objects)
11
12 clean:
13     rm hw1 $(objects)
14
```

[Submit](#) [Details ▾](#)

Rename Delete Copy

work/hw1.c

- work

Makefile

hw1.c

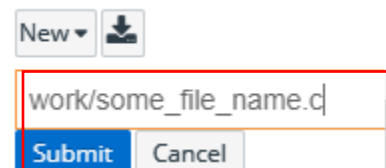
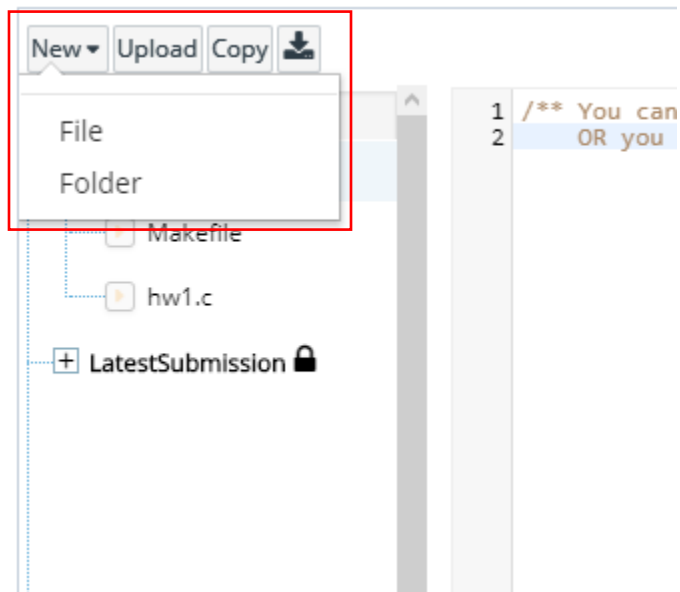
+ LatestSubmission

File: work/hw1.c

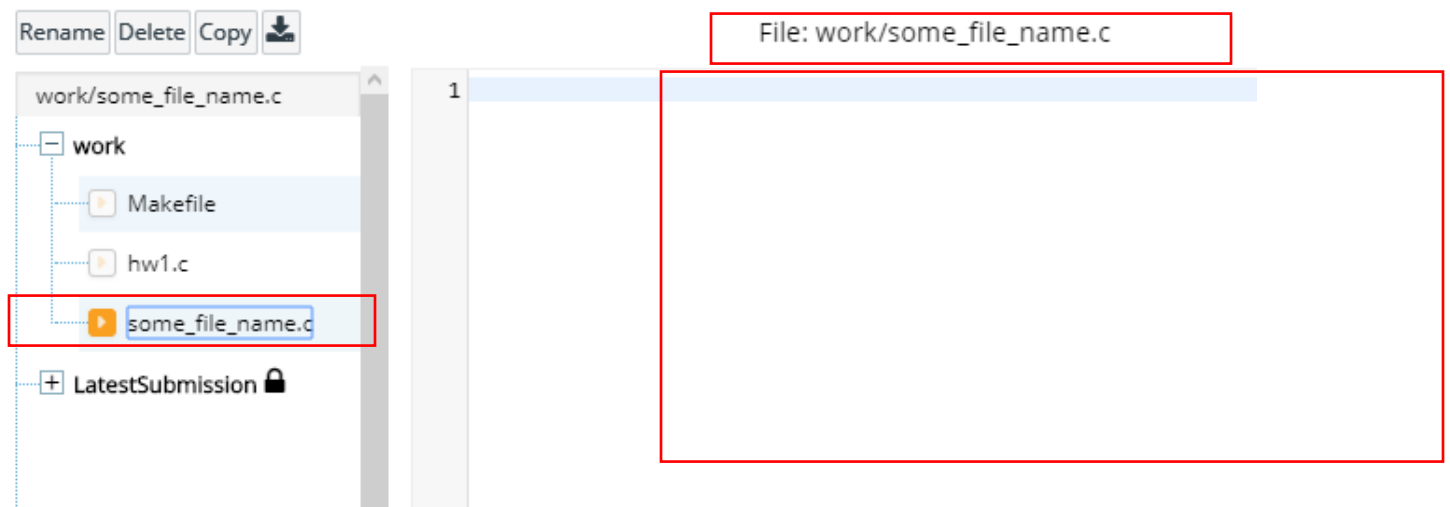
```
1 /** You can either write your program directly into this file
2     OR you can upload your own file with your code in it. */
```

Submitting/Doing your work

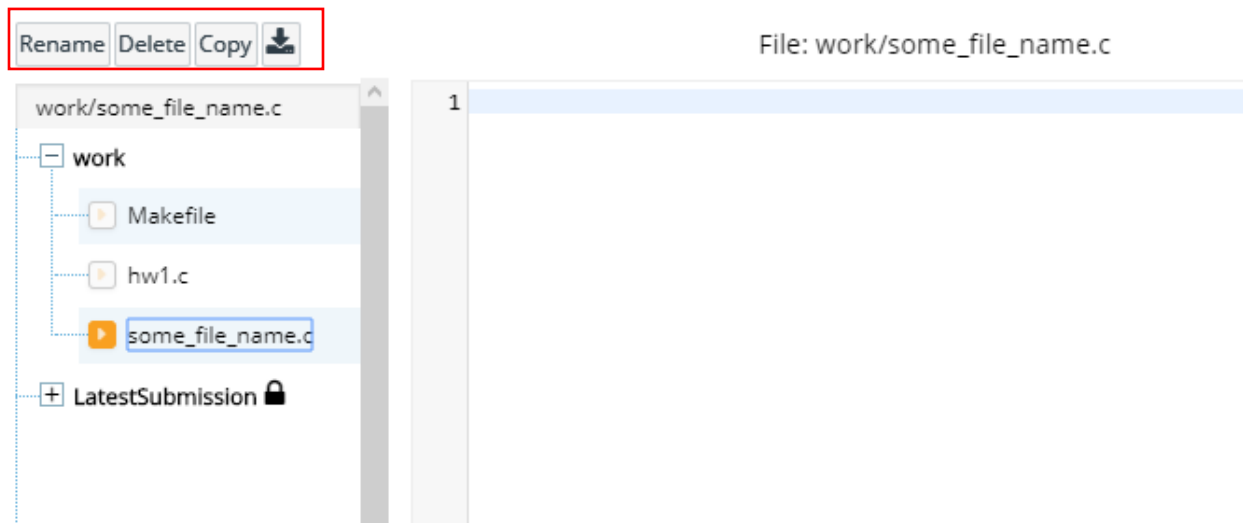
You can type your code directly into vocareum. You must first create a new file to type into. When you select the new file button, select File, then give the file a name and hit submit. See below.



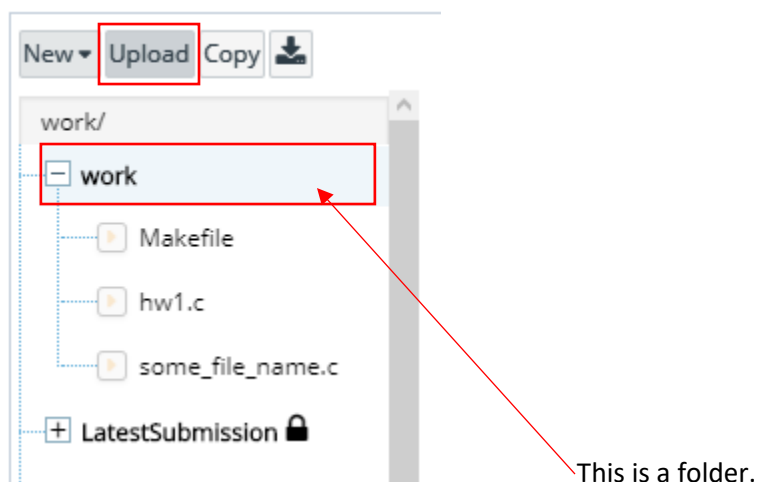
At any time, you can modify files you see in your work folder by simply selecting the file. You can type in the editor to the right. You will know which file you are editing because the file name will appear at the top and there will be an orange play button next to the file name.



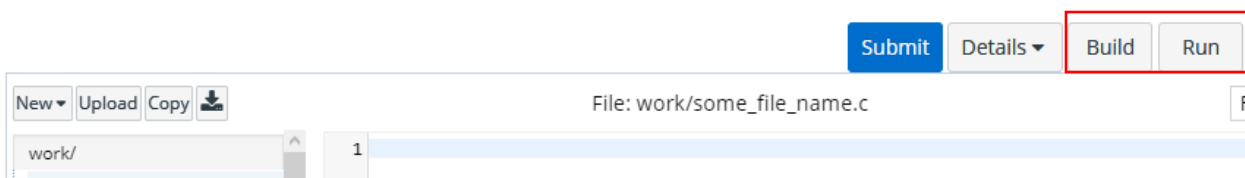
In addition to editing the file, there are other operations you can perform once you select a file, like renaming it, deleting it, copying it, or downloading it.



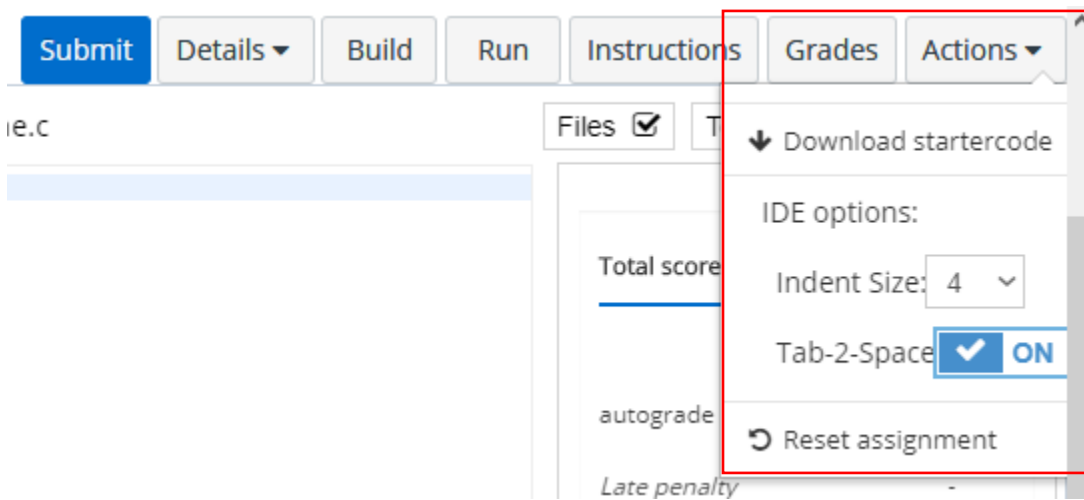
You can also just upload a file you've already created, if you wish to work on the file in JGRASP (or some other editor) instead of on vocareum's website. Just select the upload button. You must first deselect any file that is selected by clicking on a folder.



You can test your code directly in the browser by using the Build and Run buttons. You MUST build your code first, THEN run it.



If you feel you've royally messed things up. You can reset the entire environment by selecting Actions → Reset Assignment. Note that there is also an option to Download any starter code in this folder (in case you want to work on it on your own machine, and I've already provided some files to start you off with.



Be sure to pay attention to the bash shell below the editor for any error messages. Also, when you run your program using the run button. Any output from your program will display there.

```
ccc_v1_w_NTC5M_92358@runweb3:~$ [ Executing 'BUILD'
ccc_v1_w_NTC5M_92358@runweb3:~$
ccc_v1_w_NTC5M_92358@runweb3:~$ cd;VOC_SELECTED_FILES/build.sh
gcc -Wall -c -o hw1.o hw1.c
gcc -Wall -c -o some_file_name.o some_file_name.c
gcc -Wall -o hw1 hw1.o some_file_name.o
/usr/lib/gcc/x86_64-linux-gnu/5/../../../../x86_64-linux-gnu/bin/ld: hw1.o: undefined reference to 'main'
collect2: error: ld returned 1 exit status
Makefile:10: recipe for target 'make_homework' failed
make: *** [make_homework] Error 1
ccc_v1_w_NTC5M_92358@runweb3:~$ [ Executing 'BUILD'

ccc_v1_w_NTC5M_92358@runweb3:~$ cd;VOC_SELECTED_FILES/build.sh
gcc -Wall -c -o hw1.o hw1.c
hw1.c:6:1: warning: return type defaults to 'int' [implicit-int]
main()
^
gcc -Wall -o hw1 hw1.o some_file_name.o
ccc_v1_w_NTC5M_92358@runweb3:~$ [ Executing 'RUN'.

ccc_v1_w_NTC5M_92358@runweb3:~$ cd;VOC_SELECTED_FILES/build.sh
```

When you are ready, just hit the submit button to submit your assignment. Your grade will appear in several places in vocareum and it will also immediately appear in Canvas.