

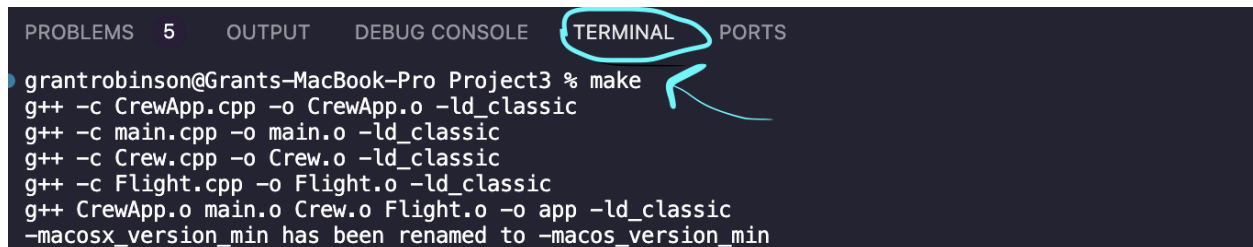
Airline Crew Application's Instructions for Use

Precautions

1. **Have an IDE installed.** These projects should work on multiple IDEs, but the instructions are catered towards the **VSCode** IDE.
 - a. **Mac Install Tutorial:** [Click Here](#)
 - b. **Windows 11 Install Tutorial:** [Click Here](#)
2. **Make sure you can run C++ in VSCode OR your preferred IDE.**
 - a. To ensure this, [click here](#) to **learn how to run C++ on VSCode**

Use Steps

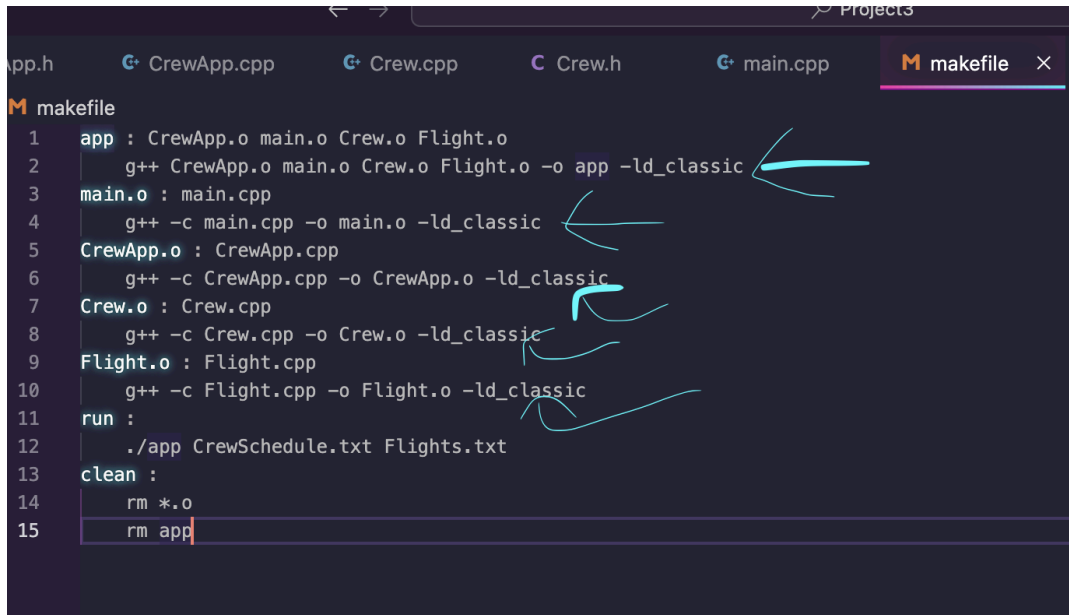
1. In your **command line (Pictured below)**, type ***make*** then press **enter/return**. (Makes sure all of the files are compiled).



```
PROBLEMS 5 OUTPUT DEBUG CONSOLE TERMINAL PORTS
grantrobinson@Grants-MacBook-Pro Project3 % make
g++ -c CrewApp.cpp -o CrewApp.o -ld_classic
g++ -c main.cpp -o main.o -ld_classic
g++ -c Crew.cpp -o Crew.o -ld_classic
g++ -c Flight.cpp -o Flight.o -ld_classic
g++ CrewApp.o main.o Crew.o Flight.o -o app -ld_classic
-macosx_version_min has been renamed to -macos_version_min
```

To compile the code, type **make**. Files should then compile, and look like the screenshot above (**Done in VSCode**)

- **FOR WINDOWS USERS:** If your terminal doesn't look like what's above, try going to **makefile** and remove **-ld_classic** from each line. Save the file, then try the command line again (Pictured of what to remove below)

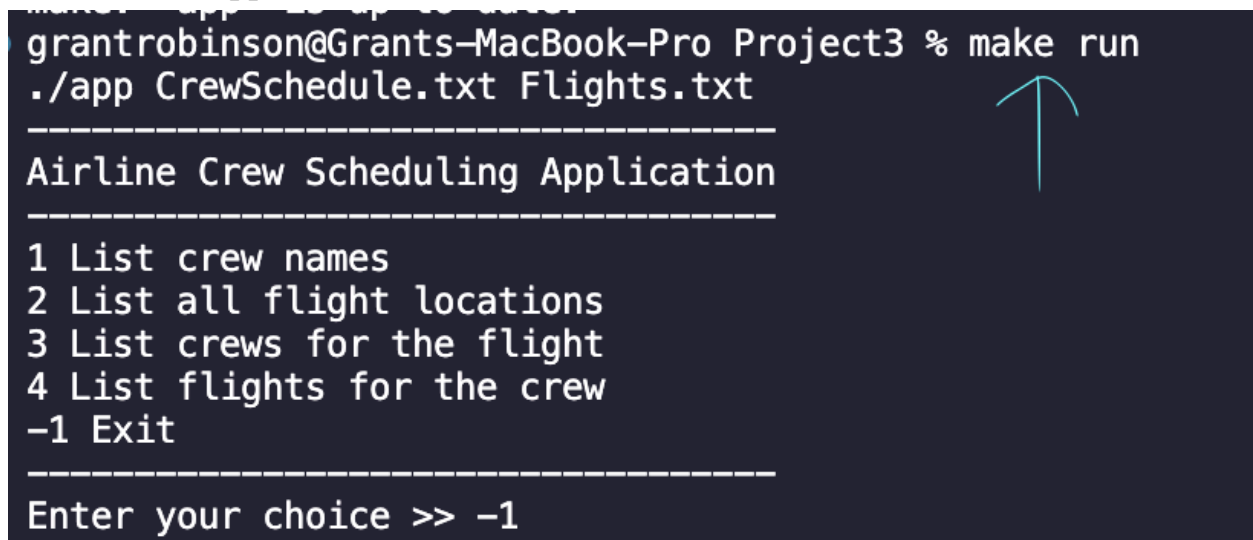


```
app.h  CrewApp.cpp  Crew.cpp  Crew.h  main.cpp  makefile
M makefile
1  app : CrewApp.o main.o Crew.o Flight.o
2      g++ CrewApp.o main.o Crew.o Flight.o -o app -ld_classic
3  main.o : main.cpp
4      g++ -c main.cpp -o main.o -ld_classic
5  CrewApp.o : CrewApp.cpp
6      g++ -c CrewApp.cpp -o CrewApp.o -ld_classic
7  Crew.o : Crew.cpp
8      g++ -c Crew.cpp -o Crew.o -ld_classic
9  Flight.o : Flight.cpp
10     g++ -c Flight.cpp -o Flight.o -ld_classic
11  run :
12     ./app CrewSchedule.txt Flights.txt
13  clean :
14     rm *.o
15     rm app
```

The screenshot shows a code editor with a Makefile. Handwritten blue arrows point to the `-ld_classic` flag in each of the five compilation rules (lines 2, 4, 6, 8, and 10).

For Windows users, you may have to remove **-ld_classic** from each command in the **makefile** your code doesn't compile correctly. This should help your code compile.

2. In your command line, type **make run** then press **enter/return**. This should run the application.



```
grantrobinson@Grants-MacBook-Pro Project3 % make run
./app CrewSchedule.txt Flights.txt

-----
Airline Crew Scheduling Application
-----
1 List crew names
2 List all flight locations
3 List crews for the flight
4 List flights for the crew
-1 Exit
-----
Enter your choice >> -1
```

The screenshot shows a terminal window. A cyan arrow points to the `make run` command in the prompt. Below the command, the application's main menu is displayed, and the user has entered `-1` to exit.

The **make run** command will run the application. The above screenshot shows the command (Above the cyan arrow) and the main menu of the application.

3. Enjoy the app! **If you want to stop the app**, type **-1** on the main menu, or **kill the Terminal** (Picture below)

