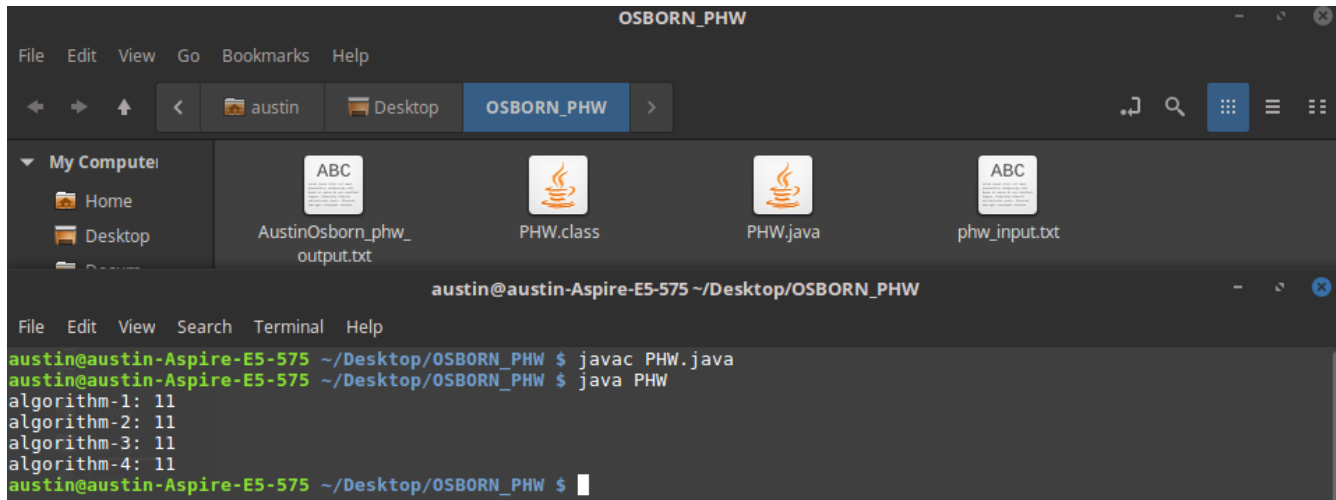


During this project, I used IntelliJ IDEA CE with Java SDK9.

Running Instructions:

- 1) Open a terminal in the directory of PHW.java
- 2) Drag phw\_input.txt into that directory
- 3) Execute `$javac PHW.java`
- 4) Execute `$java PHW`
- 5) AustinOsborn\_phw\_output.txt output file will be in the directory you run the program from



```
OSBORN_PHW
File Edit View Go Bookmarks Help
austin Desktop OSBORN_PHW
My Computer
Home Desktop
AustinOsborn_phw_output.txt PHW.class PHW.java phw_input.txt
austin@austin-Aspire-E5-575 ~/Desktop/OSBORN_PHW
File Edit View Search Terminal Help
austin@austin-Aspire-E5-575 ~/Desktop/OSBORN_PHW $ javac PHW.java
austin@austin-Aspire-E5-575 ~/Desktop/OSBORN_PHW $ java PHW
algorithm-1: 11
algorithm-2: 11
algorithm-3: 11
algorithm-4: 11
austin@austin-Aspire-E5-575 ~/Desktop/OSBORN_PHW $
```

ACADEMIC HONESTY CERTIFICATION:

I certify that I wrote the code I am submitting. I did not copy whole or parts of it from another student or have another person write the code for me. Any code I am reusing in my program is clearly marked as such with its source clearly identified in comments.”

-Austin Osborn