

# Compiler Assignment

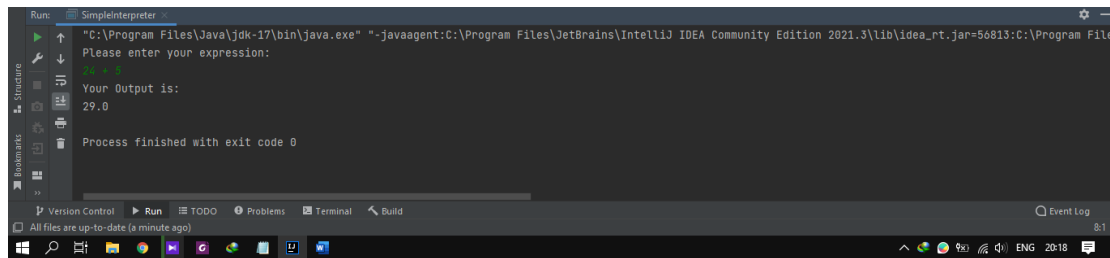
To Dr. Ahmed AbdulAzeez

By: Mahmoud Sherief Saber Ahmed

ID NUMBER: 504117

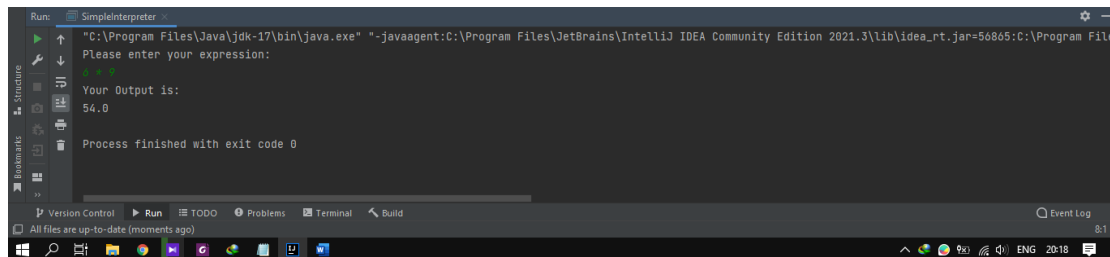
## Testing my code

Test case I:  $24 + 5 >>$



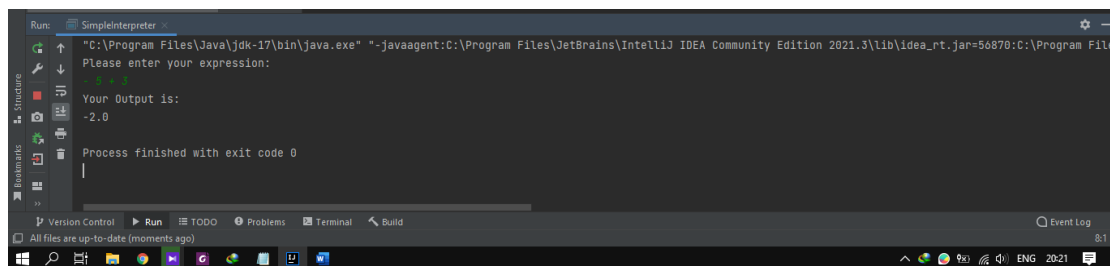
```
Run: SimpleInterpreter
"C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3\lib\idea_rt.jar=56813:C:\Program File
Please enter your expression:
24 + 5
Your Output is:
29.0
Process finished with exit code 0
```

Test case II:  $6 * 9 >>$



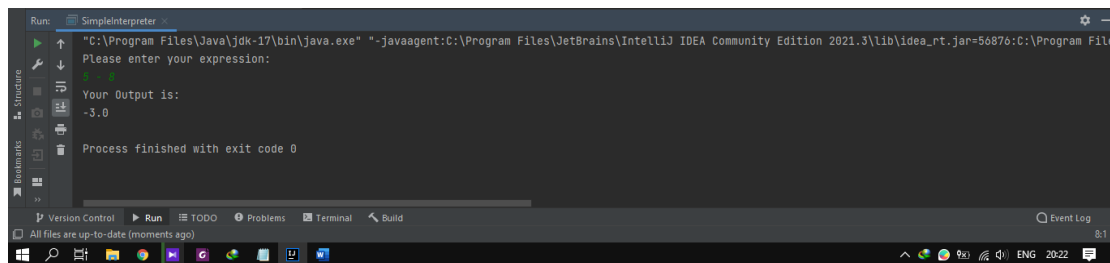
```
Run: SimpleInterpreter
"C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3\lib\idea_rt.jar=56865:C:\Program File
Please enter your expression:
6 * 9
Your Output is:
54.0
Process finished with exit code 0
```

Test case III:  $-5 + 3 >>$



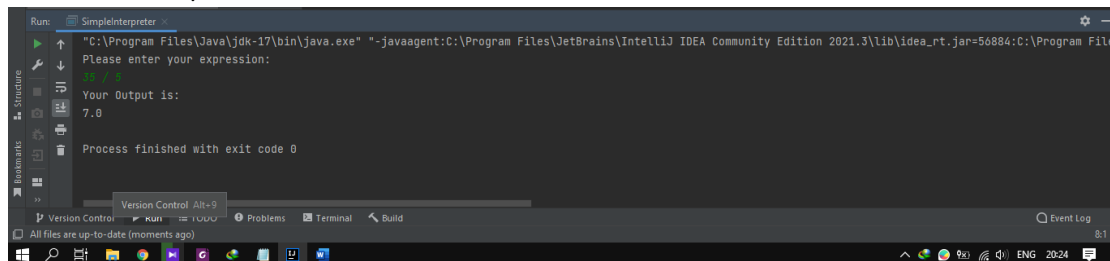
```
Run: SimpleInterpreter
"C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3\lib\idea_rt.jar=56870:C:\Program File
Please enter your expression:
-5 + 3
Your Output is:
-2.0
Process finished with exit code 0
```

Test case IV:  $5 - 8 >>$



```
Run: SimpleInterpreter
"C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3\lib\idea_rt.jar=56876:C:\Program File
Please enter your expression:
5 - 8
Your Output is:
-3.0
Process finished with exit code 0
```

Test case V:  $35 / 5 >>$



```
Run: SimpleInterpreter
"C:\Program Files\Java\jdk-17\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition 2021.3\lib\idea_rt.jar=56884:C:\Program File
Please enter your expression:
35 / 5
Your Output is:
7.0
Process finished with exit code 0
```