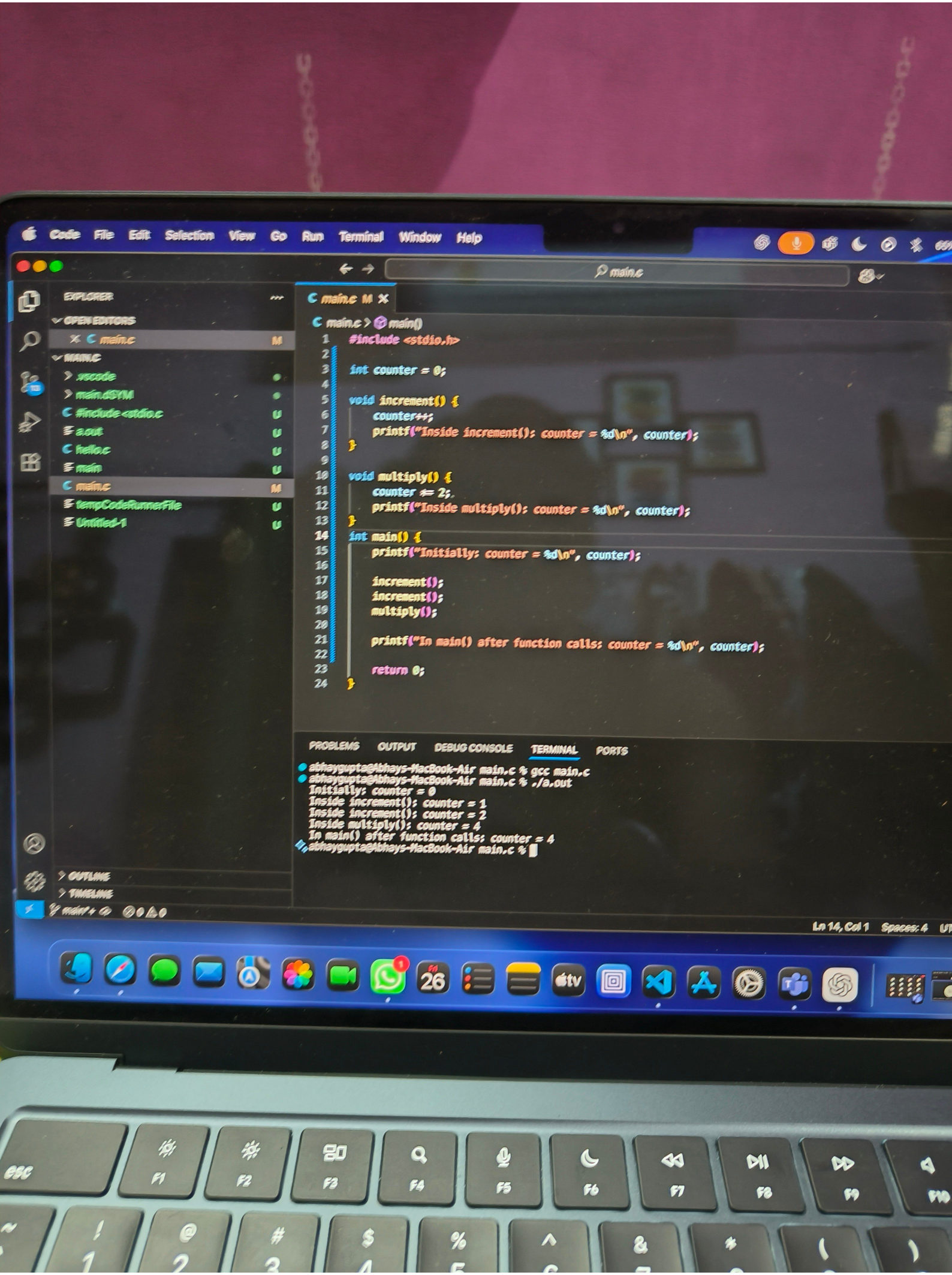
Q4-

```
#include <stdio.h>

int counter = 0;
void increment() {
    counter++;
    Printf("Inside increment(): counter = %d\n",
                                    counter);
}
void multiply() {
    counter *= 2;
    Printf("Inside multiply(); counter = %d\n", counter);
}
int main() {
    Printf("Initially: counter = %d\n", counter);

    increment();
    increment();
    multiply();

    Printf("In main() after function calls: counter = %d\n",
                                    counter);

    return 0;
}
```

Teacher's Signature .....


Code File Edit Selection View Go Run Terminal Window Help
main.c
EXPLORER
OPEN EDITORS
main.c M
MAIN.C
.vscode
main.dSYM
#include<stdio.c
a.out
hello.c
main
main.c M
tempCodeRunnerFile
Untitled-1
OUTLINE
TIMELINE
main.c M
main()
#include <stdio.h>
int counter = 0;
void increment() {
counter++;
printf("Inside increment(): counter = %d\n", counter);
}
void multiply() {
counter *= 2;
printf("Inside multiply(): counter = %d\n", counter);
}
int main() {
printf("Initially: counter = %d\n", counter);
increment();
increment();
multiply();
printf("In main() after function calls: counter = %d\n", counter);
return 0;
}
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
abhayguptaabhays-MacBook-Air main.c % gcc main.c
abhayguptaabhays-MacBook-Air main.c % ./a.out
Initially: counter = 0
Inside increment(): counter = 1
Inside increment(): counter = 2
Inside multiply(): counter = 4
In main() after function calls: counter = 4
abhayguptaabhays-MacBook-Air main.c %
Ln 14, Col 1
Spaces: 4