PAGE NO. :
DATE : / /

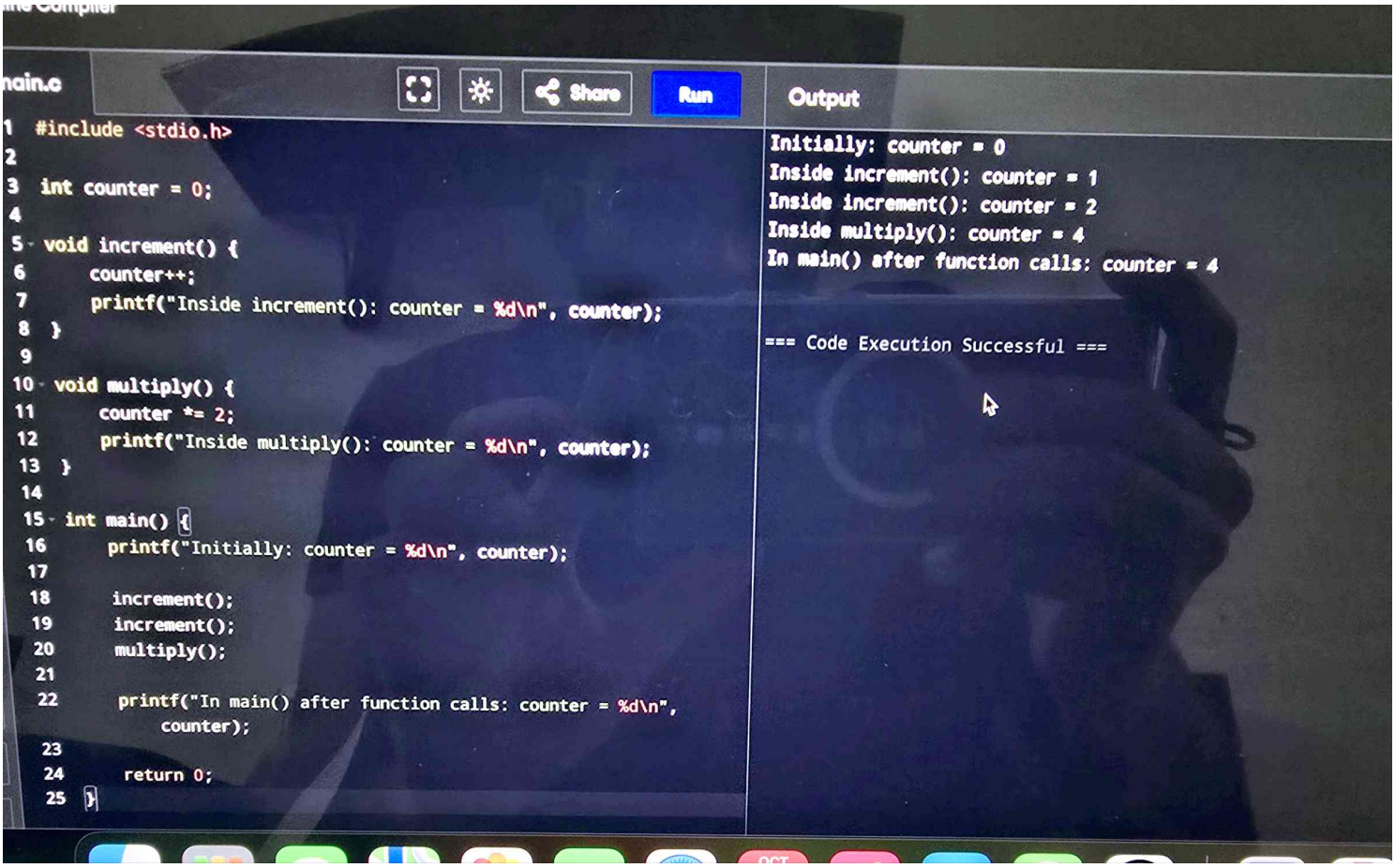
Experiment - 4

Q.1 Declare a global variable outside all functions and use it inside various functions to understand its accessibility.

```
#include <stdio.h>
int counter = 0;
void increament() {
    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);

    increament();
    increament();
    multiply();

printf("In main() after function calls: Counter = %d\n",
                                    Counter);
    return 0;
}
```

Remarks:

Teacher's Signature


main.c
Share
Run
Output
#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;
}
Initially: counter = 0
Inside increment(): counter = 1
Inside increment(): counter = 2
Inside multiply(): counter = 4
In main() after function calls: counter = 4
=== Code Execution Successful ===