PAGE NO. :
DATE : / /

2) WAP to apply left shift and right shift operator.

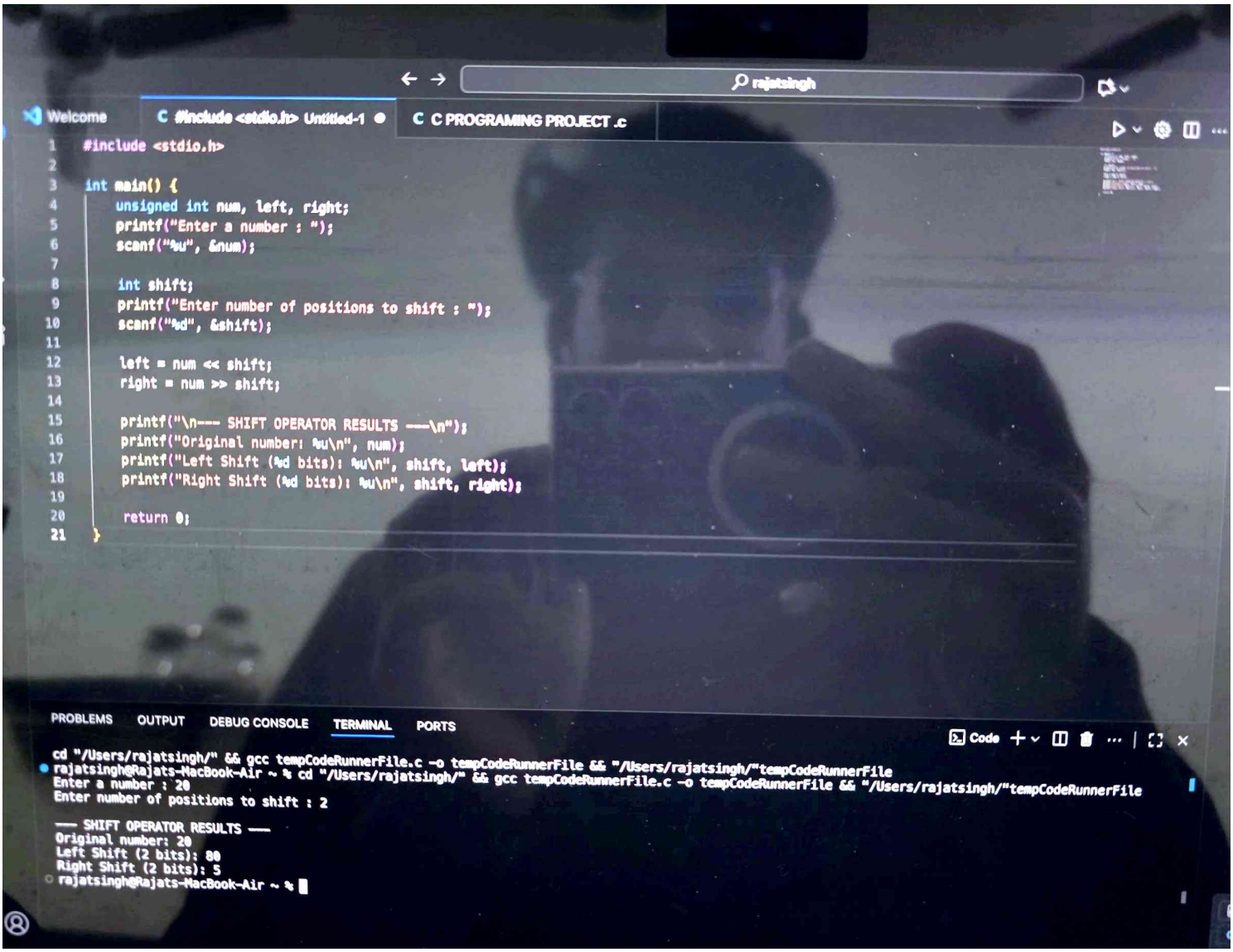
⇒
```
#include <stdio.h>
int main() {
unsigned int num, left, right;
printf("Enter a number : ");
Scanf("%u", &num);
int shift;
printf("Enter number of positions to shift : ");
Scanf("%d", &shift);

left = num << shift;
right = num >> shift;

printf("\n --- SHIFT OPERATOR RESULTS ---\n");
printf("Original number : %u\n", num);
printf("Left shift (%d bits) : %u\n", shift, left);
printf("Right shift (%d bits) : %u\n", shift, right);

return 0;

}
```


rajatsingh
Welcome
#include <stdio.h> Untitled-1
C PROGRAMING PROJECT .c
#include <stdio.h>
int main() {
unsigned int num, left, right;
printf("Enter a number : ");
scanf("%u", &num);
int shift;
printf("Enter number of positions to shift : ");
scanf("%d", &shift);
left = num << shift;
right = num >> shift;
printf("\n--- SHIFT OPERATOR RESULTS ---\n");
printf("Original number: %u\n", num);
printf("Left Shift (%d bits): %u\n", shift, left);
printf("Right Shift (%d bits): %u\n", shift, right);
return 0;
}
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
cd "/Users/rajatsingh/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/Users/rajatsingh/"tempCodeRunnerFile
rajatsingh@Rajats-MacBook-Air ~ % cd "/Users/rajatsingh/" && gcc tempCodeRunnerFile.c -o tempCodeRunnerFile && "/Users/rajatsingh/"tempCodeRunnerFile
Enter a number : 20
Enter number of positions to shift : 2
--- SHIFT OPERATOR RESULTS ---
Original number: 20
Left Shift (2 bits): 80
Right Shift (2 bits): 5
rajatsingh@Rajats-MacBook-Air ~ %