

main.c

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Run

```
1 //DAY 13
2 //Q25
3 #include <stdio.h>
4 int main() {
5     int num1, num2, result;
6     char op;
7     printf("Enter first number: ");
8     scanf("%d", &num1);
9     printf("Enter operator (+, -, *, /, %): ");
10    scanf("%c", &op);
11    printf("Enter second number: ");
12    scanf("%d", &num2);
13
14    switch(op) {
15        case '+':
16            result = num1 + num2;
17            printf("Result = %d\n", result);
18            break;
19        case '-':
20            result = num1 - num2;
21            printf("Result = %d\n", result);
22            break;
23        case '*':
24            result = num1 * num2;
25            printf("Result = %d\n", result);
26            break;
27        case '/':
28            if (num2 != 0) {
29                result = num1 / num2;
30                printf("Result = %d\n", result);
31            } else {
32                printf("Error: Division by zero is not allowed.\n");
33            }
34            break;
35        case '%':
36            if (num2 != 0) {
37                result = num1 % num2;
38                printf("Result = %d\n", result);
39            } else {
40                printf("Error: Modulus by zero is not allowed.\n");
41            }
42            break;
43    }
44    return 0;
45 }
```

Output

Enter first number: 3  
Enter operator (+, -, \*, /, %): +  
Enter second number: 4  
Result = 7  
  
=== Code Execution Successful ===

main.c



Run

Output

```
1 //DAY 13
2 //Q26
3 #include <stdio.h>
4
5 int main() {
6     int n, i;
7
8     printf("Enter the value of n: ");
9     scanf("%d", &n);
10
11     printf("Numbers from 1 to %d:\n", n);
12
13     for (i = 1; i <= n; i++) {
14         printf("%d ", i);
15     }
16
17     printf("\n");
18     return 0;
19 }
```

Enter the value of n: 15

Numbers from 1 to 15:

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

=== Code Execution Successful ===