

main.c



Share

Run

Output

```
1 //DAY 4
2 //Q7
3 #include <stdio.h>
4
5 int main() {
6     int a, b;
7
8     printf("Enter two numbers: ");
9     scanf("%d %d", &a, &b);
10
11     printf("Before swapping: a = %d, b = %d\n", a, b);
12
13     a = a + b;
14     b = a - b;
15     a = a - b;
16
17     printf("After swapping: a = %d, b = %d\n", a, b);
18
19     return 0;
20 }
```

Enter two numbers: 4 6

Before swapping: a = 4, b = 6

After swapping: a = 6, b = 4

=== Code Execution Successful ===

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Output

```
1 //DAY 4
2 //Q8
3 #include <stdio.h>
4
5 int main() {
6     int n, sum = 0, i;
7
8     printf("Enter the value of n: ");
9     scanf("%d", &n);
10
11     for (i = 1; i <= n; i++) {
12         sum = sum + i;
13     }
14
15     printf("The sum of the first %d natural numbers is: %d\n", n, sum);
16
17     return 0;
18 }
```

Enter the value of n: 4
The sum of the first 4 natural numbers is: 10

=== Code Execution Successful ===