



main.cpp



Run

Output

Clear

```
1 // Online C++ compiler to run C++ program
  online
2 #include <iostream>
3 using namespace std;
4
5 class SwapNumbers {
6     int a, b;
7
8 public:
9     SwapNumbers(int x, int y) {
10         a = x;
11         b = y;
12     }
13     void swapValues() {
14         int temp = a;
15         a = b;
16         b = temp;
17     }
18
19     void display() const {
20         cout << "a = " << a << ", b = " << b <<
          endl;
21     }
22 };
23
24 int main() {
25     int num1, num2;
26
27     cout << "Enter first number: ";
28     cin >> num1;
29     cout << "Enter second number: ";
30     cin >> num2;
31
32     SwapNumbers swapObj(num1, num2);
33
34     cout << "Before swapping: ";
35     swapObj.display();
36
37     swapObj.swapValues();
38
39     cout << "After swapping: ";
40     swapObj.display();
41
42     return 0;
43 }
44
45
```

/tmp/Q40QmrieWa.o

Enter first number: 6

Enter second number: 9

Before swapping: a = 6, b = 9

After swapping: a = 9, b = 6

=== Code Execution Successful ===