

## VIT - Vellore

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### BCSE102P\_Structured and Object Oriented Programming Lab\_VL2024250502354

#### VIT V\_Structured and OOP\_Lab 5\_COD\_Medium\_Call by reference

Attempt : 1  
Total Mark : 10  
Marks Obtained : 10

#### Section 1 : Coding

##### 1. Problem Statement

Indrajith wants to swap two numbers using their address in his lab exam. Write a program to obtain two numbers and swap them using call by reference.

##### **Answer**

```
#include <iostream>
using namespace std;

void swapNumbers(int* a, int* b) {
    int temp = *a;
    *a = *b;
    *b = temp;
}
```

```
}
```

```
int main() {  
    int num1, num2;  
    cin >> num1 >> num2;  
    swapNumbers(&num1, &num2);  
    cout << num1 << " " << num2 << endl;  
    return 0;  
}
```

**Status :** Correct

**Marks :** 10/10