

```
//Joon Im
//Marie Payad
//Demo: 9:04
#include <iostream>
#include <stdio.h>

using namespace std;

void swap(int *z, int &y)
{
    int temp = *z;
    *z = y;
    y = temp;
}

int main() {
    int a = 3, b = 5;

    cout << "Before Swap: a = " << a << ", b = " << b;
    cout << endl;

    swap(&a, b);

    cout << "After Swap: a = " << a << ", b = " << b;
}
```

```
❏ clang++-7 -pthread -std=c++17 -o main main.cpp
```

```
❏ ./main
```

```
Before Swap: a = 3, b = 5
```

```
After Swap: a = 5, b = 3❏ □
```