

```
#include <stdio.h>
int fun(int*, int*);    // Function Declaration
int main(){
    int x, y;
    printf("Enter the 1st number ");
    scanf("%d\n", &x);
    printf("Enter the 2nd number" );
    scanf("%d\n", &y);
    printf("\n Inside the main function before call  x= %d, y=%d", x, y); // Before call
    fun(&x, &y);                // Function call
    printf("\nInside the main function after call is x =%d, y=%d", x , y); // After call
    return 0;
}

int fun(int *a , int *b){    // Function Definition
    int t;
    t = *a;
    *a = *b;
    *b = t;
}
```