```c
#include <stdio.h>

void swap(int*, int*);

int main()
{
    int x, y;

    printf("Enter the value of x and y\n");
    scanf("%d%d",&x,&y);

    printf("Before Swapping\nx = %d\ny = %d\n", x, y);

    swap(&x, &y);

    printf("After Swapping\nx = %d\ny = %d\n", x, y);

    return 0;
}

void swap(int *a, int *b)
{
    int temp;

    temp = *b;
    *b = *a;
    *a = temp;
}
```