

```
        /****   Program to Show Call by Reference   *****/

#include <stdio.h>

swap (int *, int *);

main()
{
    int a, b;

    printf("\nEnter value of a & b: ");
    scanf("%d %d", &a, &b);

    printf("\nBefore Swapping:\n");
    printf("\na = %d\nnb = %d\n", a, b);

    swap(&a, &b);

    printf("\nAfter Swapping:\n");
    printf("\na = %d\nnb = %d", a, b);

    getch();
}

swap (int *x, int *y)
{
    int temp;

    temp = *x;
    *x = *y;
    *y = temp;
}
```