

```
/****    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\nb = %d\n", a, b);
```

```
    swap(&a, &b);
```

```
    printf("\nAfter Swapping:\n");
```

```
    printf("\na = %d\nb = %d", a, b);
```

```
    getch();
```

```
}
```

```
swap (int *x, int *y)
```

```
{
```

```
    int temp;
```

```
    temp = *x;
```

```
    *x = *y;
```

```
    *y = temp;
```

```
}
```