

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

```
#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 a, int b)
```

```
{
```

```
    int temp;
```

```
    temp = a;
```

```
    a = b;
```

```
    b = temp;
```

```
}
```