

```
        /****      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\n\nb = %d\n", a, b);  
  
    swap(&a, &b);  
  
    printf("\nAfter Swapping:\n");  
    printf("\na = %d\n\nb = %d", a, b);  
  
    getch();  
}  
  
swap (int *x, int *y)  
{  
    int temp;  
  
    temp = *x;  
    *x = *y;  
    *y = temp;  
}
```