```c
/*swapping using function and pointer*/

#include<stdio.h>

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

int main()
{
        int a,b;
        printf("enter the value of a and b\n");
        scanf("%d%d",&a,&b);
        swap(&a,&b);
        return 0;

}
int swap(int *x,int *y)
{
        int temp;
        temp=*x;
        *x=*y;
        *y=temp;
        printf("in swap the value of a:%d  b:%d",*x,*y);
}
```

```
C:\Users\HP\OneDrive\Desktop\New folder (2)\swapp by func and pointer.exe

enter the value of a and b
20
30
in swap the value of a:30  b:20
-------------------------------
Process exited after 4.648 seconds with return value 0
Press any key to continue . . .
```