

```
enter a=20
enter b=10
before swap:
a=20
b=10after swap:
a=10
b=20enter a=
```

```
#include<stdio.h>
int main()
{
    int a,b;
    printf("enter a=");
    scanf("%d",&a);
    printf("enter b=");
    scanf("%d",&b);
    printf("before swap:\na=%d\nb=%d",a,b);
    a=a-b;
    b=a+b;
    a=b-a;
    printf("after swap:\na=%d\nb=%d",a,b);
    return 0;
}
```