* ***Swapping number without using third variable.***

1. #include<stdio.h>
2. **void** main()
3. {
4. **int** a=10, b=20;
5. printf("Before swap a=%d b=%d",a,b);
6. a=a+b;//a=30 (10+20)
7. b=a-b;//b=10 (30-20)
8. a=a-b;//a=20 (30-10)
9. printf("\nAfter swap a=%d b=%d",a,b);
10. getch();
11. }

***Output:-***

**Before swap a=10; b=20;**

**After swap a = 20; b=10;**

**Before swap a=10; b=20;**

**After swap a = 20; b=10;**