- ## _Swapping number without using third variable._

```c
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.    }
```

Output:-

Before swap a=10; b=20;

After swap a = 20; b=10;