```
                          100        200
void swap_by_address(int *ptr1, int *ptr2)
{
    int temp;
    temp= *ptr1;
    *ptr1 = *ptr2;
    *ptr2 = temp;
}
```

ptr1	ptr2	temp
100	200	10

main()

num1	num2
20 10	10 20
100	200
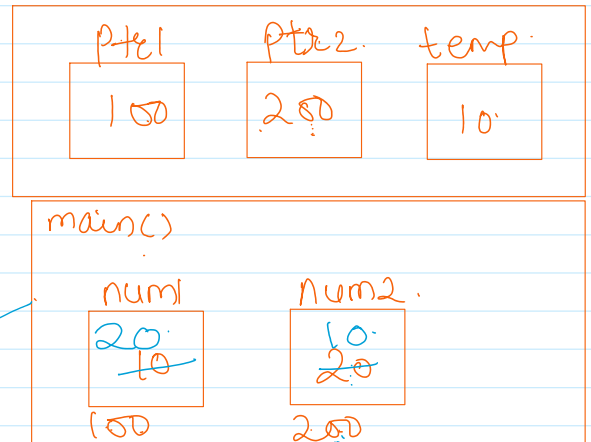
temp = * ptr1;

temp = value at 100;

temp = 10;

*ptr1 = *ptr2.

value at ptr1 = value at ptr2;

value at 100 = value at 200;

*ptr2 = temp;

value at ptr2 = temp;

value at 200 = 10.