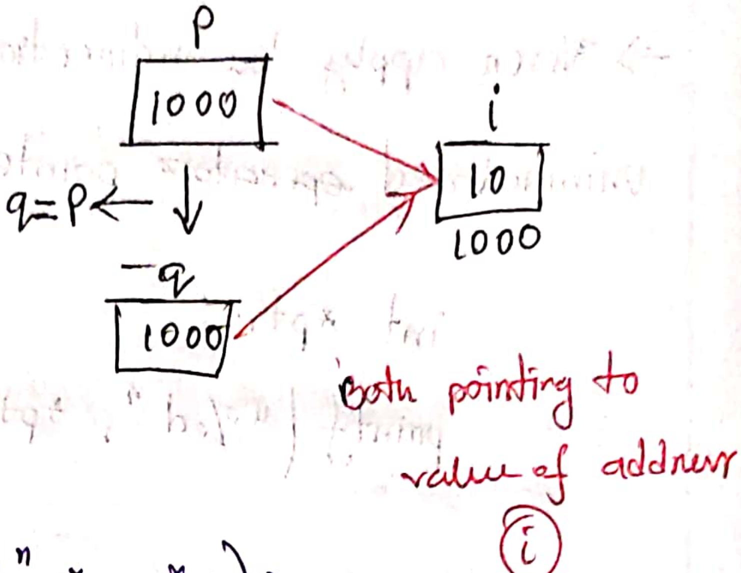
Pointer Assignment

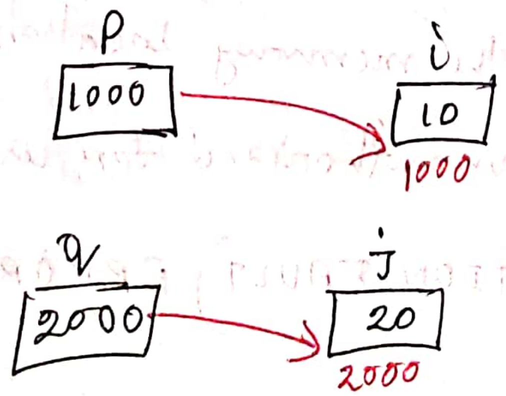
```
int i = 10;

int *p, *q;

~~*p = 10~~

p = &i;

q = p;

printf("%d %d", *p, *q);
```



Output : 10 10

But p=q and *p = *q are not same

*p = *q mean access the address ~~of~~ p stored in p and replace the value it contain with the value of address of q.



it will change the value of i from 10 to 20.

HW

```
int i= 1;
int *ptr = &i;
q = p; // q not defined
*q = 5; // SEGMENTATION ERROR
printf ("%d", *p);
```

Output 1

wrong

if q declared.

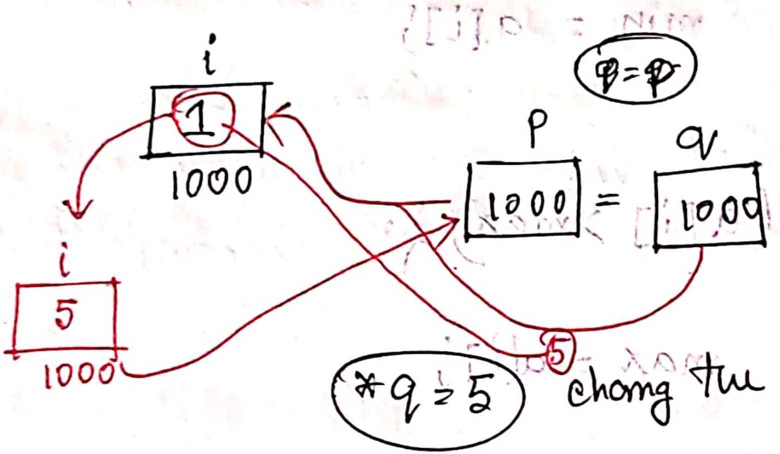
q = p [q = &i]

*q = i = 5

i এর address এ value change হবে

So output will be 5

mainly ~~wat~~ what happening here,



chang the value of address 1000 to 5

So techically the value of address that P contains is also chamge as the value of i is basically changing.