







Same print ("address of a: /. x", P); +1000 & Both same to print address of "a" * purif (" address of P: 1/x", & P); => 3046 dooignment 1:int a=10, b=9, c; int * P, * 9; P = 8ia: Q = 8b: C = *9; *P = 20;

pount (" value of a: /.d'', *P): $\Rightarrow 10$ pount (" value of a: /.d'', *P): $\Rightarrow 10$ point (" address of a: /.x'', *P): $\Rightarrow 61608$ point (" address of a: /.x'', *P): $\Rightarrow 61608$ point (" value of a: /.x'', *P): $\Rightarrow 9$ pount ("Value of a; /d", a); >20 => 61fe08 2000 3000 -2000 5000 4000

CODE 1:

```
#include <stdio.h>
1
     #include <stdlib.h>
3     /** 2 - ADDRESS OF(&) AND INDIRECTION(*) OPERATOR IN POINTERS **/
         /** (& ->REFERENCING) (* ->DEFERENCING) **/
 5
     int main()
7
         int a=10, b=9, c;
8
         int *p, *q;
9
         p=&a;
10
         q=&b;
11
         printf("Value of a:%d\n",a);
12
         printf("Value of a:%d\n",*p);
         printf("Address of a:%x\n",&a);
13
         printf("Address of a:%x\n",p);
14
15
         c=*q;
16
         *p=20;
17
         printf("Value of a:%d\n",a);
         printf("Value of c:%d\n",c);
18
19
         getch();
20
```

■ "D:\1. C NOTEBOOK\C LANGUAGE\(

```
Value of a:10
Value of a:10
Address of a:61fe08
Address of a:61fe08
Value of a:20
Value of c:9
```