Double Pointere:

int main () 4

int
$$a = 5$$

int * $p = 2a$;
int ** $q = 2p$;
cout $-2a - 104$
 $a - 5$
 $p - 104$
 $a - 5$
 $a - 5$
 $a - 5$
 $a - 6$
 $a - 7$
 $a - 7$

**q - 5

```
508 408 308 208 108 5
5 4 3 2 pts1
```

Function: -

```
void util (int * p) t

p=p+1;
```

int main Ol

int a = 5; int*p = 2a;

cout « before " « endl; cout « a « endl;

Cout << p

はは(り);

cout «"after" « endl;

cout « a

<< p

< *P

return 0;

f

main 1)

f

int a=5int *p=8aprint a=5 p=00*p=00

print a=5util(p)

print a=5-6 p=00 p=00

util (int* p) { p = p + 1; p = *p + 1; p =

frq 4 that 2 the pion

main (){

int x = 12;

int *p = & x;

int *p = & x

* p -> value present at location stored in * 9

Reference variable: Same memory, différent nametocations

- . We cannot set reference variable to O'(NULL).
- . Pointen are difficult to understand.
- · Readibility eary hoti hai.
- · Crunwally pase by reference varie k lige un hota hai.

main ()

int a=5

int 4b = a;

 \rightarrow print a-5 print b-5

a++;

printa >6

print b → 6

b++;

= printa=7

print b-7

the wine

I (girba) wood brow

A () Whom but

" + 122

```
Pars by
  main() {
                                   soluc (Inta) {
       int a = 5;
        solve (a)
        cout <<a;
                 -5// print hoga
  main () {
                                    > solu (int & value) {
       int a=s;
                                         value ++;
       solu(a);
       rout «a
     }
                      bhi pointer paushua hai
                       un by reference pass kirdo
void solve ( int x & p) {
                                              0x7 1 (2316 678 c
 int main ()4
          int a=5;
          int p=&a;
          cout << " before " << p << end);
          solue (p);
           cout « " after " « p « end;
     return o;
3
```

H.W: Return by reference

HW: int # solve () { int a=5; int *anu = & a; return ans;

Bhot dhyn se solve kuna hail Interview mei askta hai! Differentiating factor!