```
Array of Objects
& How to create an array of obj?
A just like you weate an array of int.
       the int arr [10];
        replace w/
         class name
  student arr-05° (10]
It sepresents an array in which all the elements are objects.
& WAP to show use of an an gobj?
 clan student
        puiate:
        int xn, m1, m2;
        public:
    void set (int n, int y, int 3),
      veil get (1')
        veil add (1)
  Void student: set (int n, int y, int 3)
                                          MZ.
           m L = 3;
               ①
```

Void studentiget () Cout Cern ce mi ce mi; void student: add ()

cent < cm1+m2; int main () student an obj [10]; // an of 20 an-obj (2) an_obj(0) an_obj(1) 11 There 10 obj can be accented like above or, Il for look can be used to call 11 set, get, add fun for each obj Mr for doop to arrign, valuer for (int i = x, i = x)

Il Values will be input by the int a, b, c; If or look -1: to arrigh values for (int i=0', i<10', i++) (in >> a >> b >> c) an_obj [i] . set (a, b, c); Me are not writing Man-obj Ci ? set (1,10,20) beiog all 11 obj will be arrighed same values. 1150, instead we take input from 11 user. 3 mm If for look -2: to print values. for (int i=0, i< 10, i+4) an-obj[i]·get() - 1 Leaders & = [3] (de ins traballe Il for look-3 to add values. for (int i=0; i<10) ist) 1 3) tan-obj (i). add(),

3/ Main ends.

Array of Obj w/ Parameterised Constructor

De what care store should be taken when creating an of obj w/ Param³d Count?

De when we create a single obj w/o using Count, it is done like this student obj 1;

· But when we create obj with count, then above struct will result in ever we must fan values like this: student obj 1 (1,10,20);

· Similarly, 29 we create arr with/out

student an obj [5];

· But we must create an ω / count. like this:-

student an_obj [5] = { student (1,10,20), student (2,5,5); student (3,15,15), student (4,100,50), student (5,6,7)

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Harris - mar []

```
OWAP to show use of an of obj w/
parameterized comt.?
A student
 private:
       int ru, m1, m2;
      public:
         .void set (it n, it g, it 3);
      veid get ();
         Student ( int n, int g, it 3);
         ~ studet ();
 void student: set (it n, int y, int 3)
 voil student: get ()
      contecto comi come; 3
void stulet : add ()
      cont < m1+m2;
 to student :: studt (int n, it y, it 3)
      m1=y.
      m2=j; contcc" count Celled" < c;
 student :: ~ student ( )
      Cout << "dert Called", }
```

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Il inside main-create an y obj
   Student an-obj(5)={ student (1,10,20),
                         Student (2,5,5)
                        studit (3, 6, 10)
                        studet (4, 8, 9).
                       studt (5, 100,50).
Nvalues ranigned using comst.
11 Now frint & add
for (int i=0', i<10', it+)
     an-obj [i]. get ();
for (int i=0', i<10', i++)
    an _ obj (i) . add ()',
       I'm bullion there is I
```

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output: Cornst Called Comt Called Comit Called Court Called cont Called 2,5,5 4,0,9 - and from the 5,100,50 it it is some it where or 30 10 (A show) (A The standing 150 Dert called Det Celled Dut Called Det Called Dert Called

nd all finds

it of it

	Pointer to	objects	
A obj r u	the use of sed to Co	obj? all the se	t, get, add
Q Is there	any alt	enature t	o obj for
to call	there for	M -	
Q Stefs t	ate obj	pt to a	the fun.
Ptr1	06:1	2) Create	aptr.
phr1	١ زاه	3) Paint Obj	the ptr to

```
4) Call the set, get, add fun using
  QWAP to show use of pto to obj
  A Stow class student
          prinate:
            int my int m1, int m2;
            publice:
    void set (int u, it y, int 3);
  Veil get ()',
 void add ();
    Void student: set (int n, it y, int 3)
         Courn=x;
            m1=9;
     void student : ; get ()
          cont cc mn ccmi ccmz; ?
     veil studt: go add ()
          cont << m1+m2;
    int main ()
         Student obj!, obj2; // create obj;
        Student * ptr1, *ptr2;
Meate ptr. There should be a
  Useparate for for each obj.
 ptr1 = $051;
         ptr2 = $06/2;
```

// Point the fit to obj.

// Brobj (here & operator will arright

// address of obj to the foth. So, now

// br will the point to that obj.)

// pr will the point to that obj.)

// Now set, get, add fun can be called

// by using fit & arrow operator

// by using fit & arrow operator

// by 1 > Set (1) 10,20) // obj 1. get (1);

// ptr 1 > get (1);

// obj 1. add (1);

// ptr 2 > Set (2,50,50);

// ptr 2 > get (1);

3 /1 main ends.

outfut

ptr2 > add ();

1,10,20 30 2,50,50 100.

Remember: You can mise the use of fits

6 obj : It is not necessary to call get
using foreg, Ayter calling set using ft,
you can use obj to call get fun.