Tobject Paring 1 g what does of mean? of means to pars obj as farameter/argument to fun. For eq 05; 1. set (1, 20, 30); integer & paned. obj 1. add_obj (obj 2, obj 3) obj r paned to the fun. Quely do we need or? A To perform inter-object operations. for ly adding var of two obj How is obj baning done?

A The fun call is done this way.

The fun call is done this of obj2, obj1);

Calling obj

Paring obj.

1

De which obj shud be calling obj?

A The Calling obj shud always be the one in which you need to stone or modify values.

Inside a fun, if we modify the farsing obj, will the changes in the paring ", be permanent?

A No, changes made to parsing obj r not hermanent. So, changes shud always be made to the Calling obj.

> Steps to create a fun with op

Class student

int un, m1, m2; Public: veid set (---);

voil get (1)

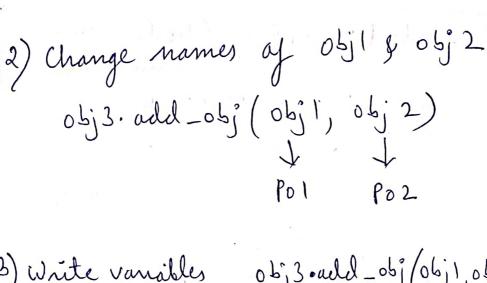
veil all (1'

Void add-obj (Studt POI; studt Po 2.)

You need to add this fun in

3

Vaid student ?? add-abj (Student obj) studet obj 2) You need to write this fun definition. I logic to write the fun Def 1) Start with fun call. write the fun call first. 06j3. add (06j1,06j2); 11 We want to add obj! & obj 2 & copy to 06j3. 11 so 06;3 mill be the Calling 06j. obj 3. add-obj (obj 1, obj 2) Calling Parr obj.



3) Write vanables of POI & POZ.

obj3.add-obj(obj1,obj2)

Pol Po2.

Pol.rn Po2.rn

Pol.mi Po2.ni
Pol.mz Po2.ni
Pol.mz Po2.nz

4) add van of Pol & Poz & Copy to Obj3 van

m1 = Pol. m1 + Po2.m1.

5) How to write fun declaration

Take eg. of Set fun:

Void Student: set (int n, it y, int 3)

Void Student: ald-obj (Student' Pol, Student Poz),

change . Put two parameters

fun . Instead of int x, y

name pars objects poi,

por.

(4)

out to write fun definition

void Student: add-obj (Student Pol,
Student Pol,
Student Pol,
Student Pol,
MI + Pol, mi + Pol, mi

m 2 = Pol, m2 + Pol, m2.

Calling Pol Pol.

3

(5)

The complete code for obj bars?

· Create a class student.

· Write a jun add-obj() to add

two obj of this class & add to

the third obj.

· Create objects: obj! > 1,3,4.

obj2 > 2,97,96

obj3 > 3,-1,-1.

· Add obj! & obj2 & stre in obj3.

A # include (ishtm)

Urig names | see std;

Class student

? private:

int m, m1, m2;

Public:

veil set (int m, it y, it 3);

Void get ();

Veil add ();

Vaid add-obj (studt POI,)

studt POZ);

Mhis fun shud take two obj

as parameters

3;

```
vaid student: set (int u, it y, it 2)
    YN = X.
    m1 = 9
     m2=);
void stult: get ()
       cut « rnccmi « cm L;
void stud: all ()
       but < n1+m2;
 voil studet: add-obj ( student POI, student POZ)
       m1= pol.m1+ poz.m1,
        m2 = po1. m2 + po2. m2;
  3 // Stehs to write this fun explained
int main ()
     student obj1, obj2, obj3;
obj1. set (1, 3, 4); Marsign values
obj2-set (2,97,96);
       06,2. set (3,-19-1);
       obj3. add (obj1, obj2); // add obj14
                                       06j2 to
       06j. get () : // lint 06j3
                                        . فرناه
              OP
                   ...
```

(7

3, 100, 100