

D'uhat r'instructor & finalize ()

A). Constructor y special fun who runs auto's when an obj is created.

· Const. can be used to initialize an obj.

· finalize () is similar to destructor. There is no destructor in jana.

. It is always named as finalize & not as dan name.

· Finalize is kalled when at the obj is destroyed by GC.

· Since GC is unpredictable, so finalize ()
mothod sho runs unpredictably.

Declaration of finalize ()

protected haid finalize ()

accent return name No param.

Specific Lyke

```
Eg (reale court & finalize () in box.
clas box?
     frot private in l, w, h;
     public uoud sel (it u, it y, it 3) {.
              h=3;
     forblir hail get () b.
             Softn(1);
           soft (w);
              siff (h).
       box (it x, it y, int z) { // Gox countr.
            Q= x',
       protected used finalize ()?
        Softn ("finalize Called");
//This will run when obj is destroyed.
```

clars demo?

public static word main (string orgs[])?

box obj = new box (1,2,3); // must

pair

values

obj set (5,6,7);

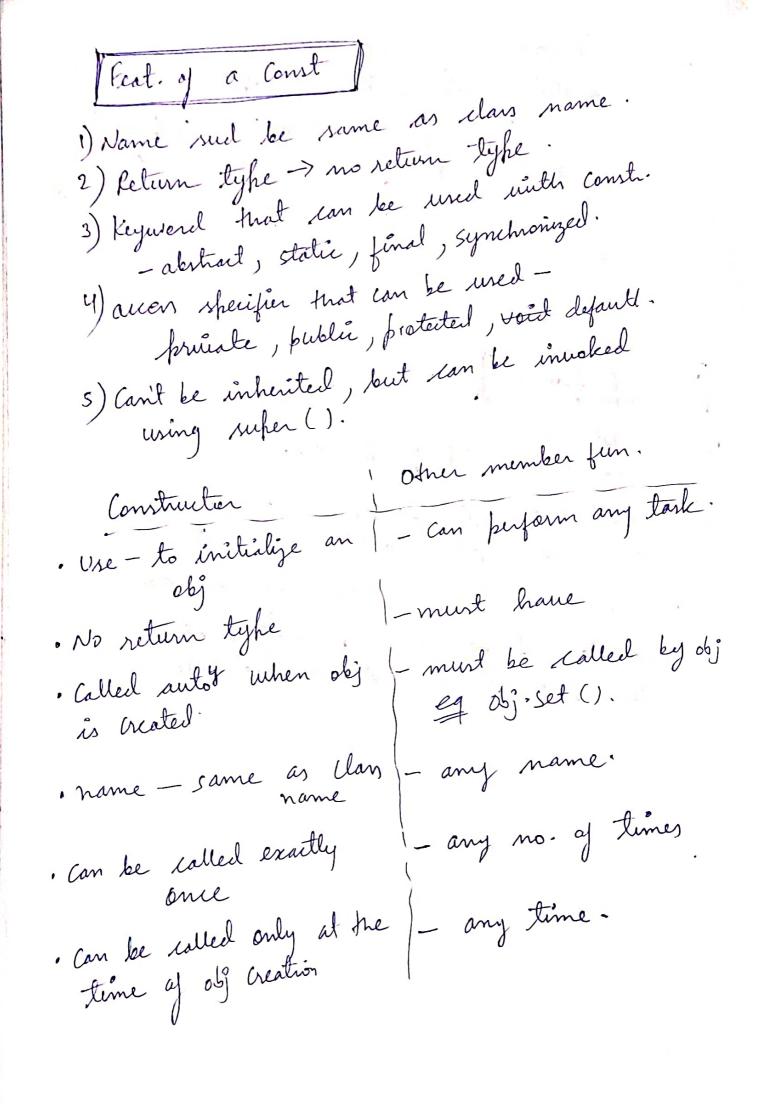
to comit

3

Feat of finalize

1) Declared as protected would finalize ();

- 2) Runs when GC releases the m/m of obj. So it is unpredictable
- 3) It is called exactly once for each oly.
- 4) Used to perform clean up tark like lose file stream, n/w connection etc.



Types of Const.) Sef. const. ' when no court is created by user, then jana b/v a def def. court. It is non parameterized & do not perform any bank. 2) Non parameterized come 'It is user defined const. who has no param. It can perform some task. set court. deen't perform any lask.

. User defined court city param.

· Court. Une defined comt. och copies one obj to another. It takes obj as paramter,

A second second

3) Parameterized Court

4) Copy comt.

Construction overloading

· Const 0/19 means to create mul const with diff parameters.

· Ey Box class can have following const.

box(); // Non parameterized Count.

box(ant x); // 1 param.

box(ind x, int y, int 3) // 3 param.

box(obj); // obj as param.

Copy. count.

Clars book ?.

prinate int l, w, h;

prinate int l, w, h;

public word set (int x, it y, it 3) ?

l=k;

w=y;

h=3;

3

fublic usid get () (

Sefln(L);

Sefln(W);

sefln(h);

3

public tout box() { // Non param comt. Sofilm ("Non param Court Kalled"). box (int n) { // 1 param comst. box (int x, int y, int 3) {//3 param lox (box obj) { // Copy court. Maky obj (parsed obj) to the calling obj. Hvar of calling obj r. l, w, h.

Hvar obj. l, obj. l, obj. l, obj. l) De obj. Li)

Wobj. Wi)

Modling obj

Colling obj

Colling obj.

3. 1/box dan.

fublie thatic would main (stij args [3) } Class demo ? box obj = new box (10); (comt u) & bonom box obj? = new box (1, L,3); // 3 baran box obj3= new box (); // No bonom. box obj4 = new box (abj!); // copy comd. Obj1 Copied to obj 4. Calling obj. Same of the same

The second second

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