constauctor in Inhilitence

- Constantis are encuted from Base clays to delived clay

- we can call the Base clash constants Enciliaity through

- we can call some class constructor ving thiscs

Super this keywords In Java

this; applied to variable, onethod, constructor.

this is a keyword which acts as reference variable. This reference variable contains address of custent object.

. His is a instance reference valiable and can't be

accessed from static context.

use of this

To accept the valiables

this. < vasiable Name>

En: Mis.a Mis.b

This keywood in Java is used inside a method or Construtor of a class it is used to refer to a member of cussent object within the instance of method or construtor

(2) To accept the methods

Syntax:

this. < method Name > ();

Ex: this. m1();

3 To Access the overloaded constructor

Syntax: His (Palametels),

Ex: Mis(); \(\sigma \text{Invoke defaut (another touter this (99);} \) \(\sigma \text{Invoke 1-alg constants} \)

this (75,85); \(\sigma \text{Invoke 2-alg constants}.

- ine of constantor by using this (); somet be first
- . Jum Nevel puts autronatically this() keyword
 the super()
 - veing suises the Superes can to constructor win not be put by JVM.

```
class this Example {
 inta;
     Histxample ()
      SOP (" Form defected constantors");
     this Example ( jut a) f
       Mys ()'
       SOP (" From 1 -alg Constructor");
         Mis.a=a;
void display()
     sup (a);
  () prom ()
      Mistrample te = new Mis Example (99).
         tc. Show ();
```

- , when you have some name for local variation and class level their in the following.
 - @ refle the weat variable Liverty
 - (b) Refer the class level instance valiable ving this keyword.

-Super:

super is a keyword and it will be used to refer the members of irmonediate super class.

super layword can't be accessed form static condent.

Super layword can be used in three ways.

O To acell irrorediate super class valiable

Syntax:

Super. L'valiable Norme >

EM: Super.a

2) To access the immediate super class methods

Syntax: Super - 2 method Name > ();

Super. mul);

(3) To Access immodiate superclass constants.

Super (Palameters);

EnSufer(); \(\subseteq \text{invoke immediate Sufercley defaut Conglider
Super (99); \(\subseteq \text{1} \)
Super (49); \(\subseteq \text{1} \)
Super (77,95); \(\subseteq \text{1} \)
\(\su

2 alg constanter.

- . The keyword super is placed inside a Subclass to call a snothed form a superclass.
- , super conve applied & valiable, constantis, method
- . Super cour to constanting must be at first like of all constanting.

But not for super. valiable or super. more) ...

- · feculsive coll to this and super will be CTE

 (Compile time Error)
 - , when you have some name for local valiable, class level valiable and Superclass variable, they do following

- a refle the local valiable directly
- To reflex the classievel variable very this keyword
- @ sefet the super class level variable ving super keyword.
- . Super keyword can be used to access both instance and static members.
- when you ale writing ony super statement inside the constructors pren default super will not be insested by the java compiles
- . The first statement of any constanting can be either this or super, can't be both at a first.
 - order 9 constanutos eneution is form super class to
 - Super super can't be accessed.

 Private members & clark can't be accessed ving super laywood.

```
public class person &
  intage = 45;
       pegem ()
       Sop (" gam for Base constants Default").
        methods ()
         Sop("I am for Rage methods ");
Class Employee Extends PCSson (
    That age = 29;
    int Eid es;
    of Employee ()
            Sop ( " I com from default all of End ( land)
         employee ( int id)
              Super ():
            SOP (" Iam from Laly constants);
               : bi = bi3. Ent
```

```
well method 2 ()
      sop ( " value 7 age" + a);
      SOP ( " value? age" + this. a);
      Sop ( " value ? age" + super. age);
           " value of tid" of this. Eid);
       SOP( " ratue ) Fid " + End);
  birm ()
         Employee @ employee ();
            end. Anthods ()
         Employee (912);
            comp. method 2 ();
```