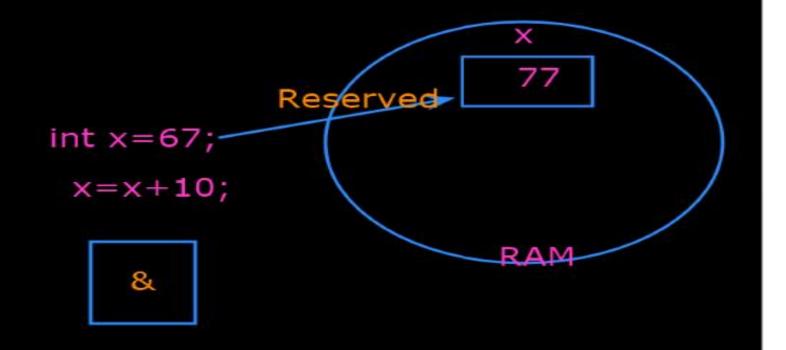
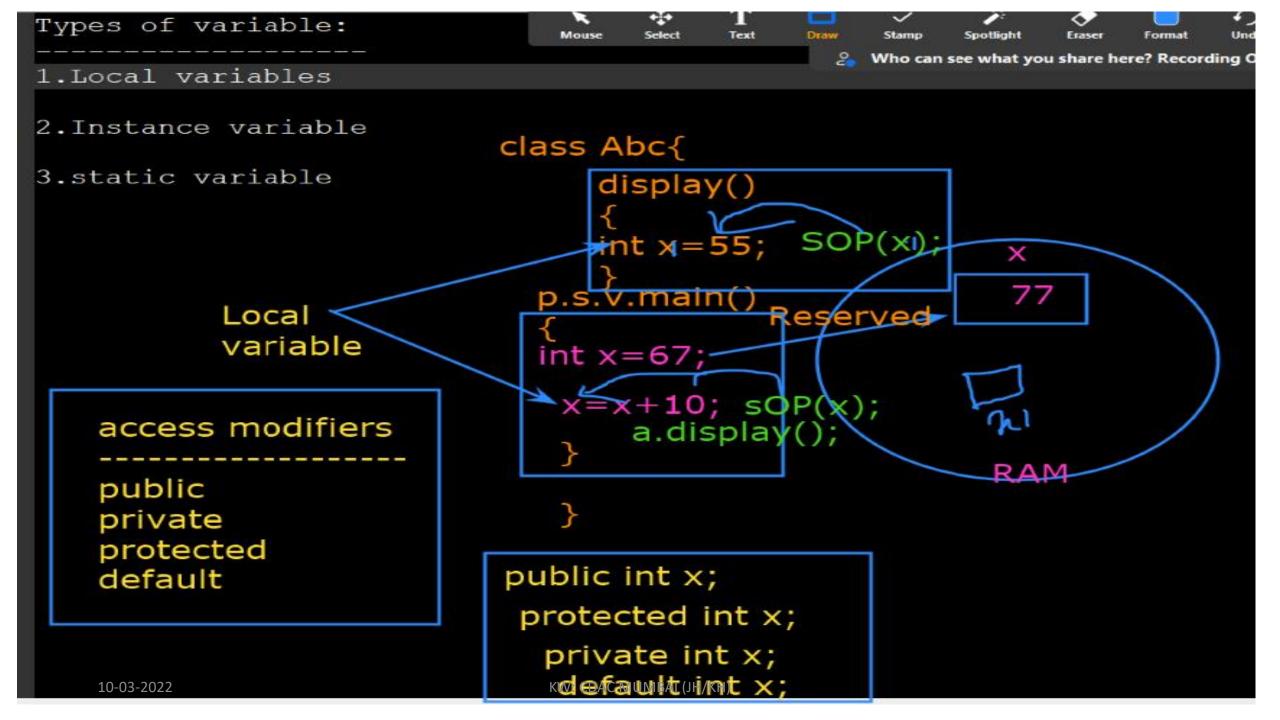


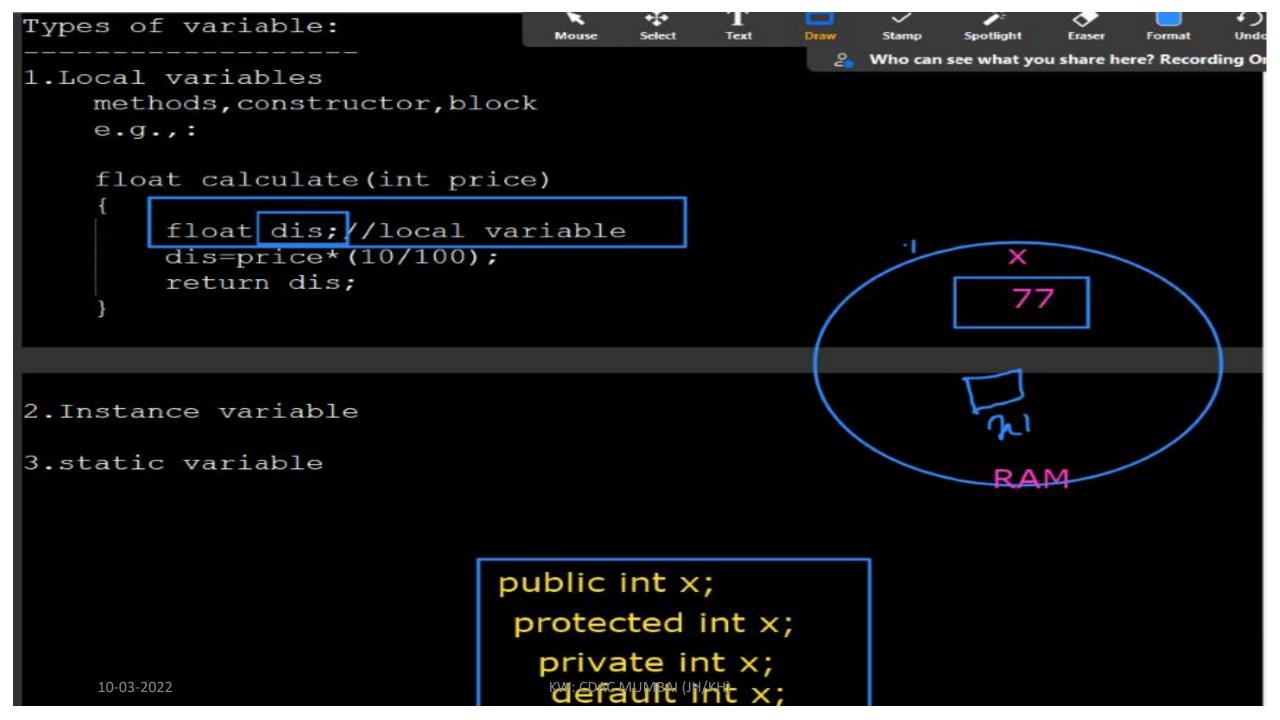
Text

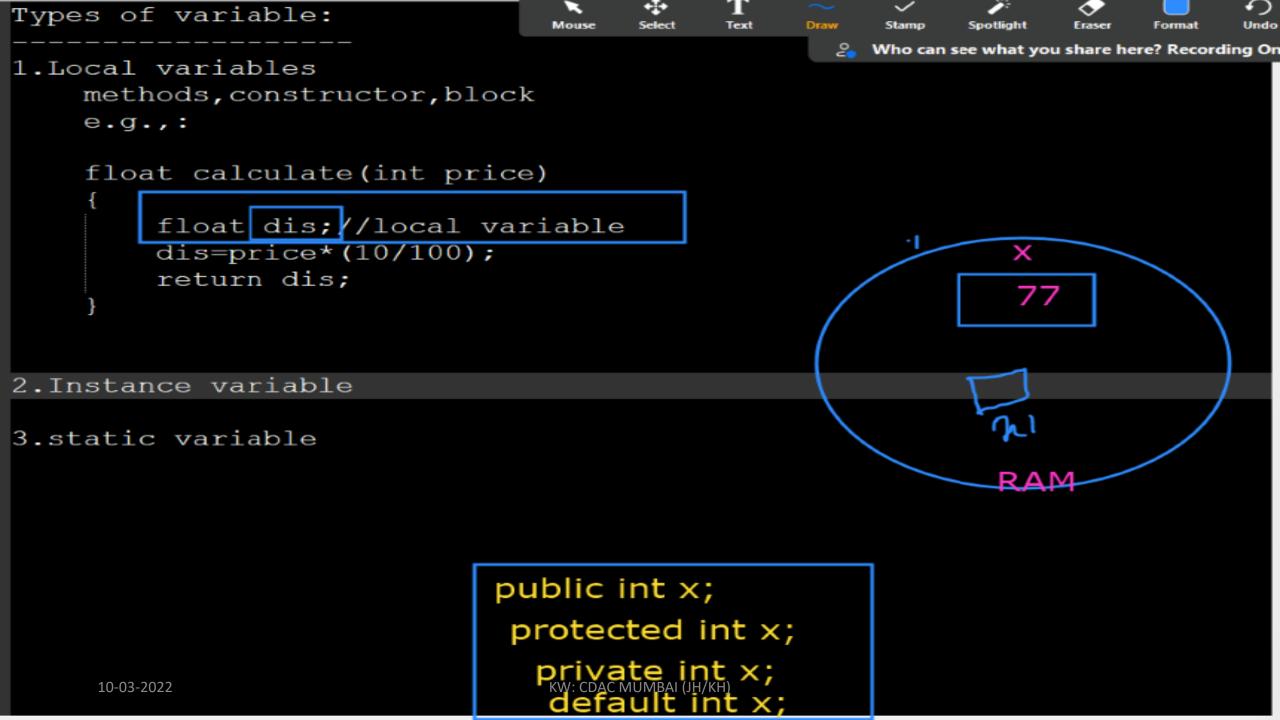
Who can see what you share here? Recording Or

- 1.Local variables
- 2.Instance variable
- 3. static variable







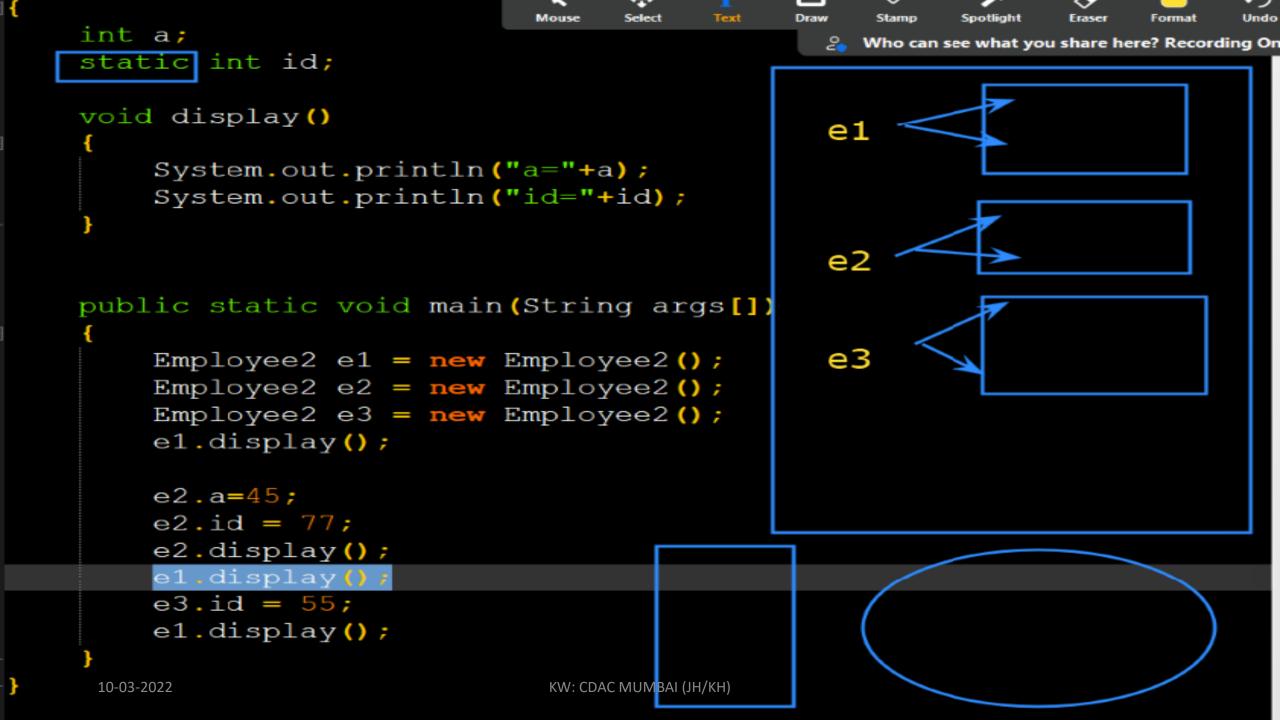


```
3.static variable
-static variables are initialized only once.
-declaring constant + final
-static variable = instance variable
-static means constant
                                                    rno.name.batchi
class student
int Rollno;
                                                      rno.name.batch
String name;
static String batchid="Sep2022";
                                                      rno.name.batch
```

```
import java.util.*;
                                              Text
                                  Mouse
                                                        Who can see what you share here? Recording Or
class Employee
    int a=102;
    static int id =101;
                                                      Command Prompt
    void display()
                                                     C:\CDAC22>java Employee
         System.out.println(a);
                                                     101
         System.out.println(id);
                                                     C:\CDAC22>javac Employee.java
                                                     C:\CDAC22>java Employee
                                                     102
                                                     101
    public static void main (String args 1)
                                                     102
         Employee e1 = new Employee()
                                                     C:\CDAC22>
         Employee e2 = new Employee();
         e1.display();*
         e2.id = 77; -
         e2.display()_=
```

```
import java.util.*;
                                    Mouse
                                          Select
                                                Text
                                                     Draw
                                                          Who can see what you share here? Recording O
class Employee
    int a=102;
     static int id =101;
    void display()
         System.out.println(a);
         System.out.println(id);
                                                    Command Prompt
                                                   C:\CDAC22>javac Employee.java
     public static void main (String args[]
                                                   C:\CDAC22>java Employee
                                                   102
          Employee e1 = new Employee():
                                                   101
          Employee e2 = new Employee();
                                                   102
          e1.display();
                                                   77~
                                                   102
                                                   77 ~
          e2.id = 77;
                                                   102
          e1.display();
         e2.display();
                                                   C:\CDAC22>
          e1.display();
   10-03-2022
                                   KW: CDAC MUMBAI (JH/KH)
```

```
Mouse
                                     Select
                                           Text
                                                      Stamp
int a;
                                                     Who can see what you share here? Recording O
static int id:
void display()
                                                      Command Prompt
                                                     C:\CDAC22>javac Employee2.java
     System.out.println("a="+a);
     System.out.println("id="+id);
                                                     C:\CDAC22>java Employee2
                                                     a=0
                                                     id=0
                                                     a = 45
                                                     id=77
public static void main (String args )
                                                     a=0
                                                     1d=7
                                                     a=0
     Employee2 e1 = new Employee2();
                                                     id=55
     Employee2 e2 = new Employee2();
                                                     C:\CDAC22>
     Employee2 e3 = new Employee2 ();
     e1.display();
     e2.a=45;
     e2.id = 77;
     e2.display();
     e1.display();
     e3.id = 55;
     e1.display();
 10-03-2022
                                KW: CDAC MUMBAI (JH/KH)
```



10-03-2022parameter: value passed Mutor (a/kilmethod

method-name: userdefine

Pre defined methods

instance static method method

Methods:

oid display()

e.g:

```
class Function4
    int m = 10;
        void display()
            System.out.println("Userdefined method....");
        void display1()
            int m = 20;
            System.out.println("Userdefined method...."+m);
    public static void main(String args[])
        Function4 f1 = new Function4();
        f1.display();
        f1.display1();
```

```
//int m = 10;
static int m =30;
                                                Who can see what you share here? Recording C
    void display()
         System.out.println("Userdefined method...."+m);
    void display (int x, int y)
         int m = x;
         int n = y;
         System.out.println("Userdefined method...."+(m+n));
    void display(int x, int y, int z)
        int m = x;
         int n = v;
         int p = z;
         System.out.println("Userdefined method...."+(m+n+z));
public static void main (String args[])
    Function5 f1 = new Function5();
    f1.display();
    f1.display(5,8);
10-03-2022
                            KW: CDAC MUMBAI (JH/KH)
```

```
static int m = 30;
                                              Who can see what you share here? Recording (
    void display()
        System.out.println("Userdefined method...."+m);
    void display(int x, int y)
        int m = x;
        int n = y;
        System.out.println("Userdefined method...."+(m+n));

    No of parameter

    void display (int x, int y, int z)
                                             Datatype
        int m = x;
        int n = y;
        int p = z;
        System.out.println("Userdefined method...."+(m+n+z));
public static void main (String args[])
                                            display()
                                           display(int,int)
    Function5 f1 = new Function5();
    f1.display();
                                           display(int, int, float)
    f1.display(5,8) 💳
                                           Function Overload
10-03-2022 f1.display(2.3,3.6,4 kW: Chac MUMBAI (JH/KH)
```

```
static int m = 30;
                                             Who can see what you share here? Recording O
    void display()
        System.out.println("Userdefined method...."+m);
    void display (int x, int y)
        int m = x;
        int n = y;
        System.out.println("Userdefined method...."+(m+n));

    No of parameter

    void display(int x, int y,int z)
                                           Datatype
        int m = x;
        int n = v;
        int p = z;
        System.out.println("Userdefined method...."+(m+n+z));
public static void main (String args[])
                                           display()
                                          display(int,int)
    Function5 f1 = new Function5();
    f1.display();
                                          display(int, int, float)
    f1.display(5,8) 📂
                                          Function Overload
    f1.display(2.3,3.6,4.7
```

```
class Function7
        void display()
                               Object is required
            System.out.println("Userdefined method 1....");
        static void show()
                                          Object is not required
            System.out.println("Userdefined method 2....");
        public static void main (String args[])
        Function7 f1 + new Function7();
        fl.display();
        show();
```