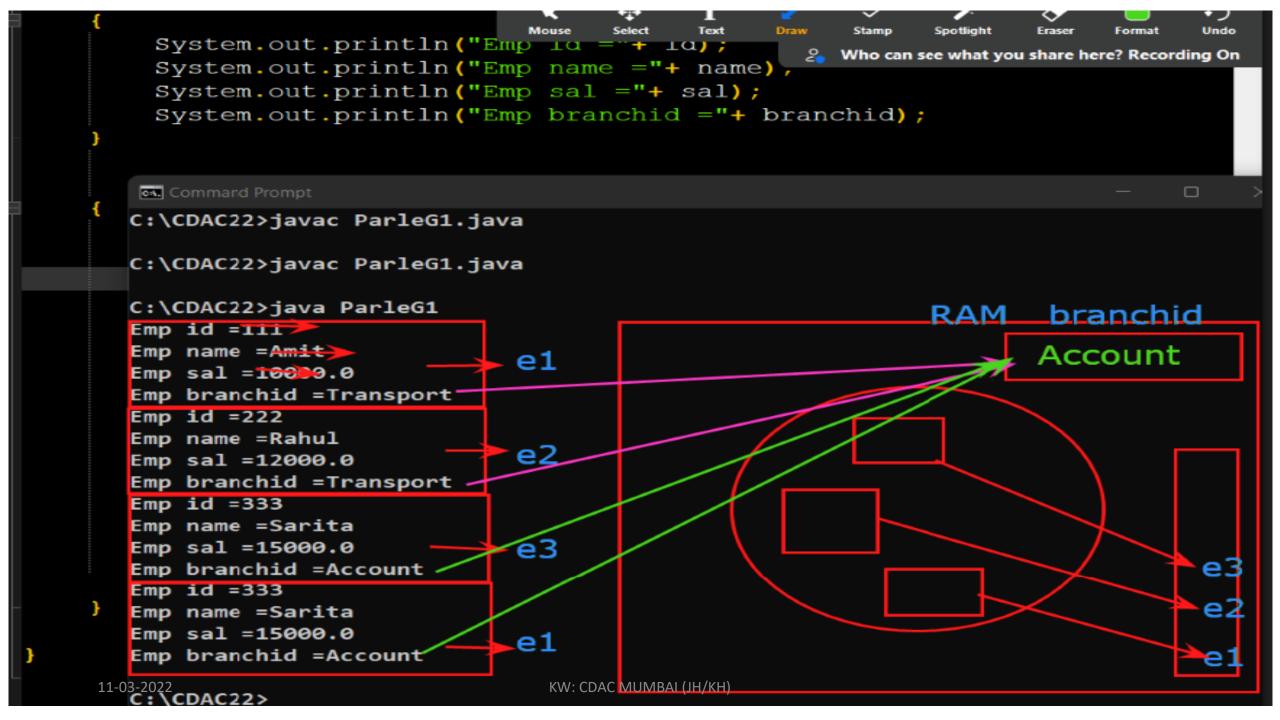
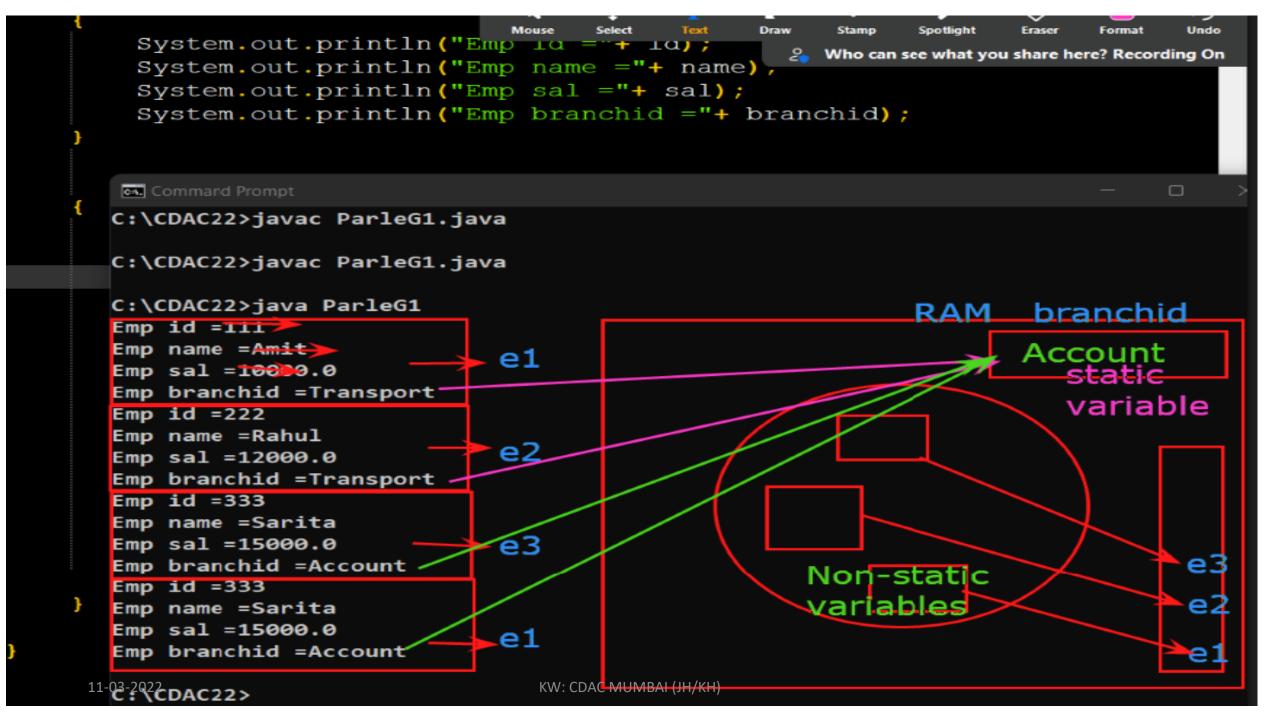


```
class ParleG
                                                             ParleG
    int id;
                                                       var:
   String name;
                                                       id
                                                                int
   double sal;
    static String branchid= Transport";
                                                        name String
                                                                double
                                                        sal
   void setdata (int id, String name, double sal)
                                                 branchid : static int
setdata(): input
                                                        getdata(): print
        public static void main(String args[])
```

```
int id;
                               Mouse
                                     Select
                                           Text
                                                Draw
String name;
                                                     Who can see what you share here? Recording
double sal;
static String branchid="Transport";
                                                                 ParleG
void set data (int empid, String emphame, double empadis):
                                                          id
                                                                    int
    id=empid;
                                                           name String
    name=emphame;
                                                                    double
                                                           sal
    sal=empsal;
                                                   eranchid : static int
setdata(): input
                                                   c:\cdac289taetaelegpilat
void getdata()
                                                   C:\CDAC22>java ParleG
    System.out.println("Emp id ="+ id);
    System.out.println("Emp name ="+ name): -mp id =111
                                                   Emp name =Amit
    System.out.println("Emp sal ="+ sal):
                                                   mp sal =10000.0
                                                   C:\CDAC22>
    public static void main (String args[])
     ParleG e1 = new ParleG();
    e1.setdata(111,"Amit",10000);
    e1.getdata();
11-03-2022
                               KW: CDAC MUMBAI (JH/KH)
```





```
Select
                                                       Text
                                                             Draw
                                                                   Stamp
                                                                                        Format
                                         Mouse
                                                                          Spotlight
                                                               Who can see what you share here? Recording O
class ParleG2
    int id;
    String name;
    double sal;
    static String branchid="Transport";
    woid setdata (int id, String name, double sal)
         this.id=id;
         this.name=name;
         this.sal=sal:
    void getdata()
        System.out.println("Emp id ="+ id);
         System.out.printlh("Emp name ="+ name);
         System.out.printin("Emy sal ="+ sal);
        System.out.println("Emb branchid #"+ branchid);
        public static void main (String/args[])
         ParleG2 e1 = new ParleG2();
         ParleG2 e2 = new ParleG2();
         ParleG2 e3 = hew ParleG2()
         el.setdata(111, "Am/it", 10000);
        el.getdata();
         e2.setdata(222, "Rahul", 12000);
     11-03-2022. getdata();
                                        KW: CDAC MUMBAI (JH/KH)
```

```
Who can see what you share here? Recording (
class ParleG2
    int id:
    String name;
    double sal;
    static String branchid="Transport";
    void setdata(int id, String name, double sal)
        this.id=id;
        this.name=name;
        this.sal=sal;
    void getdata()
        System.out.println("Emp id ="+ id);
        System.out.println("Emp name ="+ name);
        System.out.println("Emp sal ="+ sal);
        System.out.println("Emp branchid ="+ branchid);
        public static void main(String args[])
        ParleG2 e1 = new ParleG2();
        ParleG2 e2 = new ParleG2();
        ParleG2 e3 = new ParleG2();
        el.setdata(111, "Amit", 10000);
        el.getdata();
        e2.setdata(222, "Rahul", 12000);
     11-03-知2. qetdata();
                                      KW: CDAC MUMBAI (JH/KH)
```

```
Who can see what you share here? Recording O
class ParleG2
   int id;
                                                       Ques:1
   String name;
   double sal;
   static String branchid="Transport";
                                                    sal= Basic+DA+incen
   void setdata(int id, String name, double sal)
       this.id=id;
                                                            Baic=15000
       this.name=name;
       this.sal=sal;
                                                            Da=10%
                                                           inc=7%
   void getdata()
                                                           Ques:2
       System.out.println("Emp id ="+ id);
       System.out.println("Emp name ="+ name);
       System.out.println("Emp sal ="+ sal);
       System.out.println("Emp branchid ="+ branchid);
                                                         Everyday:8 hrs
                                                         if <8hrs: 100
       public static void main(String args[])
                                                         deduction
       ParleG2 e1 = new ParleG2();
       ParleG2 e2 = new ParleG2();
                                                          What will be the
       ParleG2 e3 = new ParleG2();
                                                          impact on your
       el.setdata(111,"Amit",10000);
       el.getdata();
                                                          program?
       e2.setdata(222,"Rahul",12000);
```

KW: CDAC MUMBAI (JH/KH)

<sup>11-03</sup>-2922 getdata();

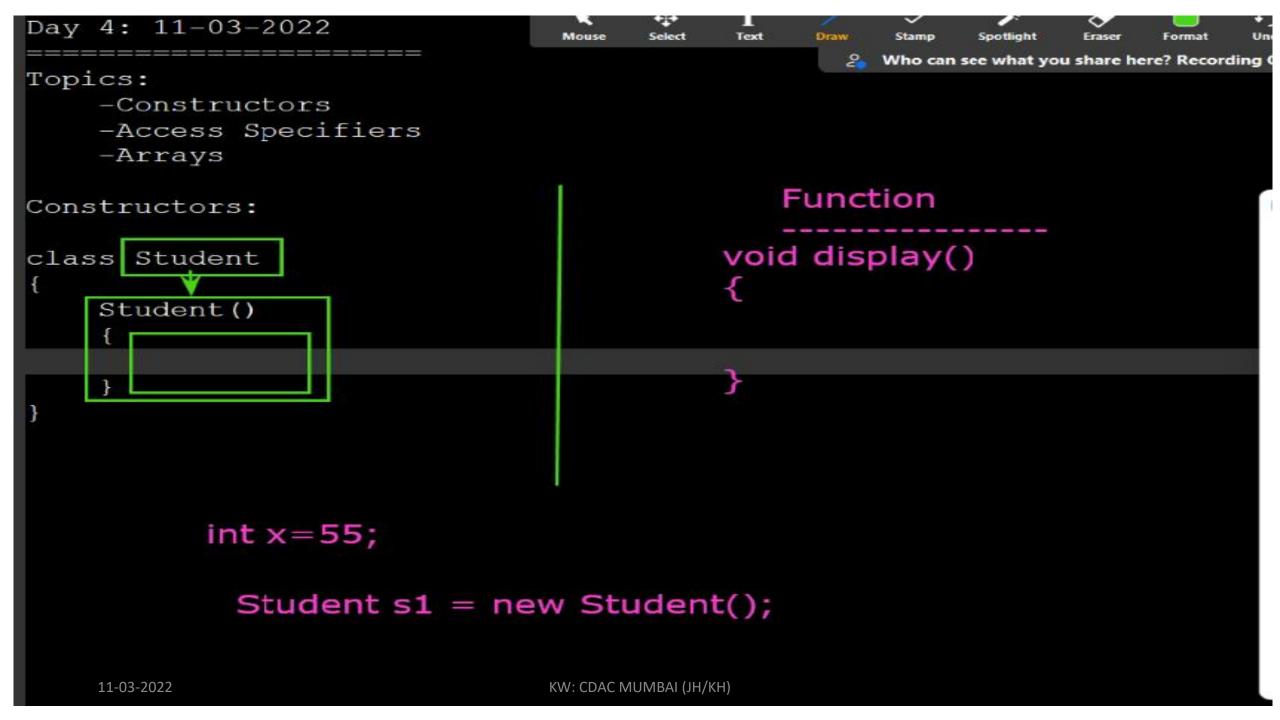
```
class_Operation
                                               Text
                                   Mouse
                                                         Who can see what you share here? Recording On
    void add(int x, int y)
         int z = x+y;
         System.out.println(z);
class sum
    public static void main(String args[])
         //sum s1 = new sum();
         Operation o1 = new Operation();
         .o1.add(10,20);
    11-03-2022
                                   KW: CDAC MUMBAI (JH/KH)
```

```
class Operation
                                                  Who can see what you share here? Recording O
   int add int x, int y
        int z = x+y;
                               z=local variable
        return z;
class sum1
    public static void main (String args[])
        //sum sl = new sum();
        Operation o1 = new Operation():
                                                  Method 1
        System.out.println(o1.add(10,20));
        int a = o1.add(10,20);
        System.out.println(a);
                                                    Mehod 2
```

```
class Uperation
                               Mouse
                                     Select
                                          Text
                                                    Stamp
                                                         Spotlight
                                                   Who can see what you share here? Recording (
    int add(int x, int y)
        //int z \neq x+y;
                              Pass by value
        //return
        return (x+\forall);
class sum1
    public static void main (String args[])
        //sum s1 = new sum();
        Operation o1 = hew Operation();
        System.out.print(n(p1.add(10,20));
        System.out.println(a);
  11-03-2022
                              KW: CDAC MUMBAI (JH/KH)
```

int 
$$x=55$$
;

Student s1 = new Student();



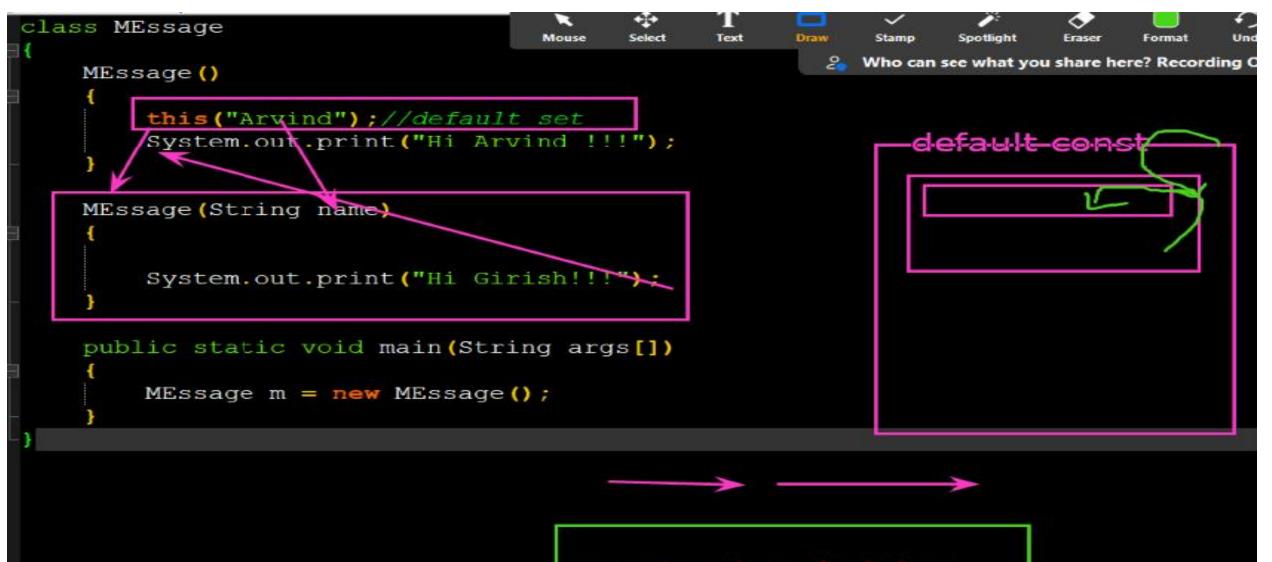
```
class CDAC
                                          Constructors
   CDAC()//default Constructor
                                                       Parameterized
                                    Default
   CDAC (int rollno, String name)
                                                       Constructor
                                    Constructor
   CDAC (int prn, String name, String branch)
   public(static foid main(String args[])
        CDAC c1 ≠ new CDAC();//object create--> default
        CDAC \c2/= new CDAC(33, "Bhavesh"); ----> 2nd const
        CDAC c8 = new CDAC(2124035067, "Ankit", "Juhu"); ----> 2nd const
```

KW: CDAC MUMBAI (JH/KH)

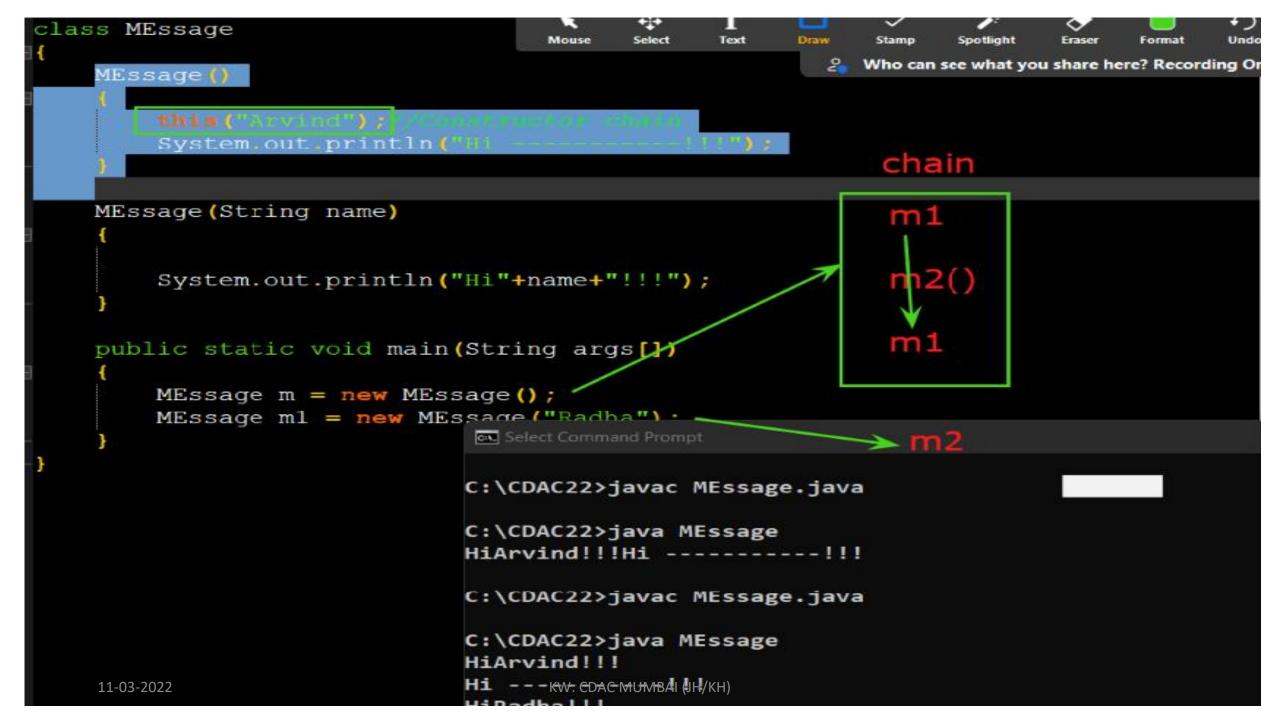
11-03-2022

```
double n:
                                 Mouse
CDAC()//default Constructor
                                                        Who can see what you share here? Recording O
                                      C:\CDAC22>jav
    System.out.println("Default ConstParametrized Constructor !!!23 45.6789
CDAC int x, double y //default Constc:\CDAC22>javac CDAC.java
    m=x;
                                      C:\CDAC22>java CDAC
    n=y;
                                      Parametrized Constructor !!!23 45.6789
    System.out.println("Parametrized
CDAC ( double y, int x) //default Const (:\CDAC22>javac CDAC.java
                                      C:\CDAC22>java CDAC
    m=x;
                                      Parametrized Constructor !!!23 45.6789
    n=y;
    System.out.println("Parametrized Parametrized 3 Constructor !!!5 45.6789 9
                                      C:\CDAC22>iavac CDAC.iava
CDAC ( double y, int x, int z) //defaul
                                      C:\CDAC22>java CDAC
    m=x;
                                      Parametrized Constructor !! 23 45 6789
    n=y;
                                      Parametrized 3 Constructor !! 45.6789 5 9
    int k=z;
    System.out.println("Parametrized
                                      C:\CDAC22>
public static void main (String args[])
    CDAC c1 = new CDAC (23.45.6789);
    CDAC c2 = new CDAC(45.6789, 5, 9);
    //CDAC c1 = new CDAC();//object create--> invoke default
```

```
Class CDACL
                                       Mouse
                                              Select
                                                    Text
                                                                Stamp
                                                                       Spotlight
                                                                                    Format
                                                               Who can see what you share here? Recording
    int m;
    double n;
    CDAC() //default Constructor
        System.out.println("Default Constructor !!!");
    CDAQ ( int x, double y)
        m=x;
        n=y;
        System.out.println("Parametrized Constructor !!!"+m+" "+n);
    CDAC double y, int x)
        m=x;
        n=y;
        System.out.println("Parametrized 2 Constructor !!!"+m+" "+n);
          int y, int x, int z
    CDAC
        m=x;
        int n1=y;
        int k=z;
        System.out.println("Parametrized 3 Constructor !!!"+n1+" "+m+" "+k);
    public static void main(String args[])
        CDAC c1 = new CDAC(23, 45.6789);
        CDAC c2 = new CDAC(4,5,6);
        CDAC c1 = new CDAC(); //object create--> invoke default
```



constructor chaining



```
Array:
array is an indexed collection of similar data elements thant has fixed size.
  Syntax:
    1. Array declaration:
          <datatype> < arrayname> [];
                  or
          <datatype> [] < arrayname>;
      2.Array creation:
          <arrayname> = new <datatype>[size];
                                                     25
                                                             23
                                            19
     a1---->
                 10
                                    11
    index----> 0
               a1[0] = 10
                                   a1[5]=25
                           KW: CDAC MUMBAI (JH/KH)
   11-03-2022
```

