NAME: PARTH N PATEL

ID: 19DCS098

CLASS: CSE2

SUBJECT: JAVA

EXERCISE:1

```java
class Test
{
        int x=10,y=20;
        static void xyz1()
        {
                Test t1=new Test();
                System.out.println("x= "+t1.x+" y= "+t1.y);
        }
        static void xyz2()
        {
                Test t2=new Test();
                System.out.println("x= "+t2.x+" y= "+t2.y);
        }
        public static void main(String args[])
        {
                xyz1();
                xyz2();
        }
}
```

OUTPUT:

```
C:\Java\JAVA_practicals>javac Test.java

C:\Java\JAVA_practicals>java Test
x= 10 y= 20
x= 10 y= 20
```

EXERCISE:2

```java
class Test
{
        int x=10,y=20;
        static int z=30,w=40;
        static void xyz1()
        {
                Test t1=new Test();
                System.out.println("Static Method :");
                System.out.println(t1.x+" "+t1.y+" "+t1.z+"  "+t1.w);
        }
        void xyz2()
        {
                System.out.println("Instance method: ");
                System.out.println(x+" "+y+" "+z+" "+w);
        }
        public static void main(String args[])
        {
                xyz1();
                Test t=new Test();
                t.xyz2();
        }
}
```

OUTPUT:

```
C:\Java\JAVA_practicals>javac Test.java

C:\Java\JAVA_practicals>java Test
Static Method :
10 20 30  40
Instance method:
10 20 30 40
```

2