**Tutorial 5**

**Output of the following code:**

**1)**

class Test1 {

public

    static void main(String[] args)

    {

        int x = 20;

        System.out.println(x);

    }

    static

    {

        int x = 10;

        System.out.print(x + " ");

    }

}

**2)**

class Test1 {

    int x = 10;

public

    static void main(String[] args)

    {

        System.out.println(x);

    }

    static

    {

        System.out.print(x + " ");

    }

}

**3)**

class Test1 {

    int x = 10;

public static void main(String[] args)

    {

        Test1 t1 = new Test1();

        System.out.println(t1.x);

    }

    static

    {

        int x = 20;

        System.out.print(x + " ");

    } }

**4)**

class Test1 {

    int x = 10;

public

    static void main(String[] args)

    {

        System.out.println(Test1.x);

    }

    static

    {

        int x = 20;

        System.out.print(x + " ");

    }

}

**5)**

class Test1 {

    static int x = 10;

public

    static void main(String[] args)

    {

        Test1 t1 = new Test1();

        Test1 t2 = new Test1();

        t1.x = 20;

        System.out.print(t1.x + " ");

        System.out.println(t2.x);

    } }

**6)**

class Test1 {

    int x = 10;

public static void main(String[] args)

    {

        Test1 t1 = new Test1();

        Test1 t2 = new Test1();

        t1.x = 20;

        System.out.print(t1.x + " ");

        System.out.println(t2.x);

    } }

**7)**

class Test1 {

    static int i = 1;

public static void main(String[] args)

    {

        for (int i = 1; i < 10; i++) {

            i = i + 2;

            System.out.print(i + " ");

        }

    } }

**8)**

class Test1 {

    static int i = 1;

public static void main(String[] args)

    {

        int i = 1;

        for (Test1.i = 1; Test1.i < 10; Test1.i++) {

            i = i + 2;

            System.out.print(i + " ");

        }

    }

}

**9)**

class Student{

int rollno;

String name;

static String college = “Oxford";

static void change(){

college = "Bennett";

}

Student(int r, String n){

rollno = r;

name = n;

}

void display(){System.out.println(rollno+" "+name+" "+college);}

}

public class TestStaticMethod{

public static void main(String args[]){

Student.change();//calling change method

//creating objects

Student s1 = new Student(111,"Karan");

Student s2 = new Student(222,"Aryan");

Student s3 = new Student(333,"Sonoo");

//calling display method

s1.display();

s2.display();

s3.display();

} }

**10)** class Test1 {

    int x = 10;

static

    {

        int y = 30;

        System.out.print(y + " ");

    }

Public static void main(String[] args)

    {

        Test1 t1 = new Test1();

        System.out.println(t1.x);

    }

    static

    {

        int x = 20;

        System.out.print(x + " ");

} }