1. What is the Output:

```java
class A{
    int x=10;
    String y="Rahul";
    A() {
        x=12;
        System.out.println("Hi");
    }
}
class Test{
    public static void main(String[] args) {
        A a = new A();
        System.out.println(a.x);
        System.out.println(a.y);
    }
}
```

2. What is the Output:

```java
class Demo{
    static int x;
    int y;
    Demo() {
        System.out.println("Hello");
        x=20;
        y=10;
    }
    static{
        System.out.println("Hi");
    }
}
class Test{
    public static void main(String[] args) {
        Demo d1= new Demo();
        Demo d2= new Demo();
        System.out.println(d1.x);
        System.out.println(d1.y);
        System.out.println(d2.x);
        System.out.println(d2.y);
    }
}
```