1. Write the output?

```
class D

{
    static int i;
    static int j;
    public static void main(String[]args)
    {
        System.out.println(i);
        System.out.println(j);
        i = 10;
        j = 20;
        System.out.println(i);
        System.out.println(j);
    }
}
```

2. Write the output?

```
class P

{
    static int i;
    public static void main(String[] args)
    {
        System.out.println(i);
        int i = 10;
        System.out.println(i);
        System.out.println(P.i);
        i = 20;
        System.out.println(i);
        System.out.println(P.i);
    }
}
```

3. Write the output?

```java
class V

{
    static int i = 10;
    static int j = i;
    static int m = n;
    static int n = j;

    public static void main(String[]args)
    {
        System.out.println(i);
        System.out.println(j);
        System.out.println(m);
        System.out.println(n);
     }
}
```

4. Write the output?

```java
class X

{
    static int test1()
    {
        return 1;
    }
    static int i = test1() + test2();
    static int test2()
    {
        return 2;
    }
    public static void main(String[]args)
    {
        System.out.println(i);
    }
}
```

5. Write the output?

```
class Z

{
    static int i = test();
    static int j = 10;
    static int test()
    {
        return j;
    }
    public static void main(String[]args)
    {
        System.out.println(i);
        System.out.println(j);
    }
}
```

6. Write the output?

```
class Z4

{
    static int i = test1();
    static int test1()
    {
        System.out.println("from test1");
        return 10;
    }
    public static void main(String[]args)
    {
        System.out.println(i);
        System.out.println(test1());
    }
}
```

7. Write the output?

```java
class N
{
    static int i=10;
    static
    {
    System.out.println("N-SIB");
    }
}
class O
{
    static
    {
    System.out.println("O-SIB");
    }
  public static void main(String[]args)
  {
        System.out.println("O-main-b");
        System.out.println(N.i);
        System.out.println(N.i);
        System.out.println(N.i);
        System.out.println("O-main-e");
  }
}
```

8. Write the output?

```java
class U
{
static
{
System.out.println("U-SIB");
}
public static void main(String[]args)
{
System.out.println("U-main");
}
```

```java
 }
class V

{
static
{
System.out.println("V-SIB");
}
public static void main(String[]args)
{
System.out.println("V-main-begin");
U.main(args);
System.out.println("-----");
U.main(null);
System.out.println("V-main-end");
}
}
```

9. Write the output?

```java
class D

{
static int i;
static
{
i=10;
}
public static void main(String[]args)
{
System.out.println(i);
}
}
```

10. Write the output?

```java
class F
{
    static
    {
     i=1;
    }
    static int i=2;
    public static void main(String[]args)
    {
     System.out.println(i);
    }
}
```

11. Write the output?

```java
class I
{
    static int i=test();
    static
    {
        System.out.println("SIB1");
    }
    static int test()
    {
        System.out.println("test");
        return 10;
    }
    public static void main(String[]args)
    {
        System.out.println("done");
        System.out.println(i);
    }
    static
```

```
      {
            System.out.println("SIB2");
      }
}
```

12. Write the output?

```java
class J
{
    static int i=test();
    static
    {
     System.out.println("Sib begin");
         main(null);
     System.out.println("Sib end");
    }
    static int test()
    {
    System.out.println("test begin");
         main(null);
    System.out.println("test end");
         return 20;
    }
    public static void main(String[]args)
    {
    System.out.println("main"+i);
    }
}
```

13. Write the output?

```java
class I
{
    static int i = test();
    static
    {
        System.out.println("SIB1");
    }
    static int test()
    {
        System.out.println("test");
        return 10;
    }
    public static void main(String[]args)
    {
        System.out.println("done");
        System.out.println(i);
    }
    static
    {
        System.out.println("SIB2");
    }
}
```

14. Write the output?

```java
class P
{
    static
    {
        System.out.println("P-SIB");
    }
    static void test1()
    {
        System.out.println("from test1");
    }
```

```java
}
class Q
{
    public static void main(String[]args)
    {
        System.out.println("------");
        P.test1();
        P.test1();
        P.test1();
        System.out.println("------");
    }
    static
    {
        System.out.println("Q-SIB");
    }
}
```

15. Write the output?

```java
 class C
{
    public static void test1()
    {
        System.out.println("from test1");
    }
    public static void main(String[] args)
    {
        System.out.println("from main");
    }
    public static void test2()
    {
        System.out.println("from test2");
```

        }

}

16. Write the output?

```java
class L

{
    public static void main(String[] args)
    {
        System.out.println("from main");
        return 100;
    }
}
```


17. Write the output?

```java
 class M

{
    public static void main(String[] args)
    {
        System.out.println("main begin");
        return;
        System.out.println("main end");
    }
}
```


18. Write the output?

```java
 class N
{
    public static void main(String[] args)
    {
        System.out.println("main begin");
        if(true)
        {
            System.out.println("from if");
            return;
        }
        System.out.println("main end");
    }
}
```

19. Write the output?

```java
 class G
{
    public static void main(String[] args)
    {
        System.out.println("main begin");
        test1();
        System.out.println("main end");
    }
    public static void test1()
    {
        System.out.println("test1 begin");
        test2();
        System.out.println("test1 end");
    }
    public static void test2()
    {
        System.out.println("test2 begin");
        System.out.println("test2 end");
    }
```

}

20. Write the output?

```java
 class R
{
    static int i = test();

    static
    {
        System.out.println("SIB:" + i);

        i = 10;
    }

    public static int test()
    {
        System.out.println("test:" + i);

        return 69;
    }

    public static void main(String[] args)
    {
        System.out.println("main begin:" + i);

        i = 33;

        System.out.println(test());

        System.out.println("main end:" + i);
```

```
    }

}
```