





OOPS, STATIC, FINAL, ABSTRACT, INTERFACE, CONSTRUCTOR

Question:1

```
public class A {
       public static String line="This is my Program";
         static
            System.out.println("Welcome to Java");
            System.exit(0);
         public void display()
              System.out.println("begin:");
         }
       public static void main(String[] args) {
             System.out.println("Program starts here");
             A object=new A();
              object.display();
             System.out.println(A.line);
      }
What is the output of the following program
1.
Welcome to Java
Program starts here
begin:
This is my Program
Program starts here
Welcome to Java
begin:
This is my Program
3. program will not execute
```

4. None of these







```
public class Static {
    static int a;
    public static void fun()
    {
        System.out.println(a);
    }
    public static class Static1{
        int b=20;
        public static void fun1()
        {
            System.out.println(b);
        }
}
```

Choose correct option

1.runtime error

2.b must be declared static.

3.nesting in static class is not possible.

4.no error.







Choose the correct option for given piece of code

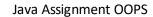
1.no error will be displayed

2.error will be displayed in line 2 and 3

3.error will be displayed in line 3 only

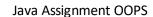
4.error will be displayed in line 1 only







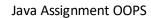
```
interface myinterface{
int a;
void method1();
}
Identify the error
1.code is error free
2.method1 is not declared public
3. a is not initialized
4.abstract keyword is not used in the method1()
```







```
public class com {
int eid;
 String name;
int salary;
private com(int id,int sal)
System.out.println("id is" +id);
System.out.println("id is" +sal);
public static void main(String[] args) {
com c=new com();
com c1=new com(123,67);
}
}
choose the error in the program
1)we can not make private constructor
2)we cannot make object of com using com c=new com();
3)we cannot make object of com using com c1=new com(123,67);
3) program successfully executes
```



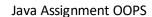




Find the output

```
class demo {
    public int x;
    private int y;
    void cal(int a, int b) {
        x = a + 1;
        y = b;
    }
    class demonstration {
        public static void main(String args[])
        {
            demo obj = new demo();
            obj.cal(2, 3);
            System.out.println(obj.x + " " + obj.y);
        }
    }
}
```

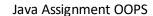
- a) 33
- b) 23
- c) Runtime Error
- d) Compilation Error







- a) Compile time error
- b) No error
- c) output =This is an display function this is an main function
- d) Run time error

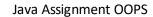






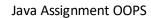
```
Find the output:
package exp;
public class exp1 {
          public void display(){
                     System.out.println("this is an display function");
          }
          public class exp2 extends exp1
          {
    public void draw()
    {
           System.out.println("this is an draw function");
    }
          }
           public static void main(String[] args) {
                     exp1 e=new exp1();
                     e.display();
                     e.draw();
       }
       }
a) Compilation Error
b) this is an display function
```

- c) this is an draw function
- d) run time error













```
class For {
public static void main(String args[]) {
  int a=fun();
  System.out.println("a");
}
static int fun() {
  static int x= 0;
  return ++x;
}
}
```

Determine the error

- 1.no error
- 2.x cannot be incremented
- 3.x cannot be static
- 4.fun() cannot return a value



