
1: The First Problem

(a) What is the output for the below code ?

Modified accordingly if compilation fails with an error

```
public class Test {
    public static void main(String [] args){
        String value = "abc";
        changeValue(value);
        System.out.println(value);
    }
    public static void changeValue(String a){
        a = "xyz";
    }
}
```

2: The Second Problem

(a) What will be the result of compiling and running the following program? Modified accordingly if compilation fails with an error

```
import java.util.Date;

public class Employee {
    private String firstName, lastName;
    private Date hireDate;

    public Employee(String fn, String ln) {
        this(fn, ln, new Date());
        System.out.println("Inside first constructor");
    }
    public Employee(String fn, String ln, Date hd) {
        System.out.println("Inside second constructor");
        firstName = fn;
        lastName = ln;
        hireDate = hd;
    }
    public static void main(String args[]){
        Employee e = new Employee("Beetle", "Bailey");
    }
}
```

3: The Third problem

(a) What is the output of this program?

```
class String_demo {
    public static void main(String args[]){
        int ascii[] = { 65, 66, 67, 68};
        String s = new String(ascii, 1, 3);
        System.out.println(s);
    }
}
```

4: The Fourth problem

(a) What is the output of this program?

```
class A {
    int i;
    int j;
    A() {
        i = 1;
        j = 2;
    }
}
public class Output {
    public static void main(String args[]){
        A obj1 = new A();
        System.out.print(obj1.toString());
    }
}
```

5: The Fifth problem

(a) What is the output of this program?

```
class String_demo2 {
    public static void main(String args[]){
        char chars[] = {'a', 'b', 'c'};
        String s = new String(chars);
        String s1 = "abcd";
        int len1 = s1.length();
        int len2 = s.length();
        System.out.println(len1 + " " + len2);
    }
}
```