

1.

```
public void strRecur(String s)
{
    if (s.length() < 6)
    {
        System.out.println(s);
        strRecur(s + "*");
    }
}
```

What is displayed by the method call `strRecur("wyo")` ?

2.

```
public void printString(String s)
{
    if (s.length() > 0)
    {
        printString(s.substring(1));
        System.out.print(s.substring(0, 1));
    }
}
```

What is displayed by the method call `printString("wyo")` ?

3.

```
public void doSomething(int n)
{
    if (n > 0)
    {
        doSomething(n - 1);
        System.out.print(n);
        doSomething(n - 1);
    }
}
```

What is displayed by the method call `doSomething(3)` ?

4.

```
public int mystery(int n)
{
    if (n < 0)
        return 2;
    else
        return mystery(n - 1) + mystery(n - 3);
}
```

What value is returned by the method call `mystery(3)` ?