- Given:

```
public class MyFor3 {

   public static void main(String[] args) {

      int[] xx = null;

      System.out.println(xx);

   }

}
```

What is the result?
null

- Given a Java source file:

```
class X
{
X ()
{
}
private void one ()
{
}
}
public class Y extends X
{
Y()
{
}
private void two ()
{
one();
}
public static void main (string__ args)
{
new Y.two();
}
}
```

What changes will make the code compile?

Changing the private modifier on the declaration of the one() method to protected

- "Given the code fragment:

```
String h1 = ""Bob"";
String h2 = new String (""Bob"");
```

What is the best way to test that the values of h1 and h2 are the same?"

if (h1.equals(h2))

- Given the code fragment:

```
String color = ""Red"";
switch(color)
{
case ""Red"":
System.out.println(""Found Red"");
case ""Blue"":
System.out.println(""Found Blue"");
break;
case ""White"":
System.out.println(""Found White"");
break;
default:
System.out.println("Found Default");
}
```

What is the result?"

Found Red Found Blue

- Given:

```
public class Bark {
// Insert code here - Line 5
public abstract void bark(); // Line 6
} // Line 7
// Line 8
// Insert code here - Line 9
public void bark() {
System.out.println(""woof"");
}
}
```

What code should be inserted?"

5. abstract class Dog {9. public class Poodle extends Dog {"

- Given the code fragment:

```
int j = 0, k = 0;
for (int i = 0; i < x; i++)
{
do
{
k = 0;
```

```
 while (k < z)
{
k++;
System.out.print(k + " ");
}
System.out.println(“ ”);
j++;
} while (j < y);
System.out.println("----");
}
```

What values of x, y, z will produce the following result?

```
1 2 3 4
1 2 3 4
1 2 3 4
- - - -
1 2 3 4
- - - -
```

X=2, Y=3, Z=4

- "Given:

```
class X {}
class Y {Y () {}}
class Z {z(int i) {}}
```

Which class has a default constructor?"

X only

- "Given:

```
class Overloading {
int x(double d) {
System.out.println(""one"");
return 0;
}
String x(double d) {
System.out.println(""two"");
return null;
}
double x(double d) {
System.out.println(""three"");
return 0.0;
}
public static void main(String. args) {
new Overloading().x(4.0)
}
}
```

What is the result?"

Compilation fails

- "Given:

```
public class X implements Z {
public String toString() {
return ""X "";
}
public static void main(String__ args) {
Y myY = new Y();
X myX = myY;
Z myZ = myX;
System.out.print(myX);
System.out.print((Y)myX);
System.out.print(myZ);
}
}
class Y extends X {
public String toString() {
return ""Y "";
}
}
interface Z { }}"
```

YYY

- "Given the code fragment:

```
int __ __array ={0}, {0, 1}, {0, 2, 4}, {0, 3, 6, 9}, {0, 4, 8, 12, 16}};
System.out.println(array [4][1]);
System.out.println(array) [1][4]);"
```

4 An ArrayindexOutOfBoundException is thrown at run time

- "Given:

```
public class MyFor
{
public static void main(String__ args)
{
for (int ii = 0 ii < 4 ii++)
{
System.out.println(""ii = ""+ ii);
ii = ii + 1;
}
}
}
```

What is the result?"

ii = 0 i = 2

- Given:

String message1 = ""Wham bam!"";
String message2 = new String(""Wham bam!"");
if (message1 == message2)
System.out.println(""They match"");
if (message1.equals(message2))
System.out.println(""They really match"");
What is the result?"

They really match

- "Given:

public class SampleClass
{
public static void main(String _args)
{
AnotherSampleClass asc = new AnotherSampleClass();
SampleClass sc = new SampleClass();
// TODO code application logic here
}
}
class AnotherSampleClass extends SampleClass
{
}
Which statement, when inserted into line ""// TODO code application logic here "", is valid change?"

sc = asc;

- “Given the code fragment:

int__ __ array2D = {{0, 1, 2}, {3, 4, 5, 6}};
system.out.print (array2D[0].length+ """");
system.out.print(array2D[1].getClass(). isArray() + """");
system.out.println (array2D[0][1]);"

3false1
2true3
2false3
3true1

- "Given the fragment:

int__ array = {1, 2, 3, 4, 5);
System.arraycopy (array, 2, array, 1, 2);
System.out.print (array [1]);
System.out.print (array[4]);

What is the result?"

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- Given the code fragment:

String name = "Spot";
int age = 4;
String str ="My dog " + name + " is " + age;
System.out.println(str);
And StringBuilder sb = new StringBuilder();
Using StringBuilder, which code fragment is the best potion to build and print the following string My dog Spot is 4

sb.append("My dog " + name + " is " + age);
System.out.println(sb);
sb.append("My dog ").append(name).append(" is ").append(age);
System.out.println(sb);

- "Given:

```
public class DoBreak1
{
public static void main(String__ args)
{
String__ table = {""aa"", ""bb"", ""cc"", ""dd""};
for (String ss: table)
{
if ( ""bb"".equals(ss))
{
continue;
}
System.out.println(ss);
if ( ""cc"".equals(ss))
{
break;
}
}
}
}
```

What is the result?"

aa cc

- Which three are valid types for switch?

int
Integer
String