

BC-BS-23-JAVA-LQ2

Switch account



Quiz Section

Total Questions 20. Select One right answer for each question.



Determine the output:

```
class Small {  
    public Small() {  
        System.out.print("a");  
    }  
}  
class Small2 extends Small {  
    public Small2() {  
        System.out.print("b");  
    }  
}  
class Small3 extends Small2 {  
    public Small3() {  
        System.out.print("c");  
    }  
}  
public class Test {  
    public static void main(String args[]) {  
        new Small3();  
    }  
}
```

- ☒ abc
- ☐ a
- ☐ cba
- ☐ b



What is the output of the below Java program ?

```
class A {  
    int i;  
    void display() {  
        System.out.println(i);  
    }  
}  
class B extends A {  
    int j;  
    void display() {  
        System.out.println(j);  
    }  
}  
class inheritance_demo {  
    public static void main(String args[]) {  
        B obj = new B();  
        obj.i=1;  
        obj.j=2;  
        obj.display();  
    }  
}
```

- ☐ 0
- ☒ 2
- ☐ Compilation error
- ☐ 1



What is the output of following code ?

```
class LogicalCompare {  
    public static void main(String args[]) {  
        String str1 = new String("OKAY");  
        String str2 = new String (str1);  
        System.out.println(str1 == str2);  
    }  
}
```

☐ 1

☐ True

☒ False

☐ 0



Select a right statement for given piece of code:

```
public class School {  
    abstract double number();  
}
```

- ☒ Class School must be declared as abstract.
- ☐ The keyword public and abstract cannot go together
- ☐ The method number() in class School must have a body
- ☐ You must add a return statement in method number();



What is the output of the below Java program ?

```
class Furniture {  
    void show() {  
        System.out.println("Made of Wood. ");  
    }  
}  
class Sofa extends Furniture {  
    void addCushion() {  
        System.out.println("Added. ");  
    }  
}  
public class Inheritance6 {  
    public static void main(String[] args) {  
        Furniture fur = new Sofa();  
        fur.addCushion();  
    }  
}
```

- ☐ Added.
- ☒ Compile error
- ☐ No output
- ☐ Added. Made of Wood.



What is the output of following code ?

```
class StringCompare {  
    public static void main(String args[]) {  
        String S1 = "S1 =" + "123" + "456";  
        String S2 = "S2 =" + 123 + 456;  
        System.out.println(S1 + ", " + S2);  
    }  
}
```

- ☒ S1=123456, S2=123456
- ☐ Compilation Error
- ☐ S1=123456, S2=579
- ☐ S1=579, S2=579



What is the output of the below Java program ?

```
class Sweet {  
    void price() {  
        System.out.print("Sweet=$10 ");  
    }  
}  
class Sugar extends Sweet {  
    void price() {  
        super.price();  
        System.out.print("Sugar=$20");  
    }  
}  
public class JavaInheritance1 {  
    public static void main(String[] args) {  
        Sugar su = new Sugar();  
        su.price();  
    }  
}
```

- ☐ Compiler error
- ☒ Sweet=\$10 Sugar=\$20
- ☐ Sweet=\$20 Sugar=\$20
- ☐ Sweet=\$10 Sugar=\$10



What is the output of this program ?

```
class Main {  
    public static void main(String[] args) {  
        try {  
            return;  
        }  
        finally {  
            System.out.println("Finally");  
        }  
    }  
}
```

- ☒ Finally
- ☐ Compilation fails.
- ☐ The code runs with no output.
- ☐ An exception is thrown at runtime



Which exception could be caught by the catch block ?

```
public class Test {  
    public static void main(String args[]) {  
        try {  
            int a = Integer.parseInt("four");  
        }  
    }  
}
```

- ☐ ArithmeticException
- ☒ NumberFormatException
- ☐ ClassCastException
- ☐ IllegalStateException



What is the output of the below Java program ?

```
class exception_handling {  
    public static void main(String args[]) {  
        try {  
            int a, b=0;  
            a =5/ b;  
            System.out.print("A");  
        }  
        catch(ArithmeticException e){  
            System.out.print("B");  
        }  
        finally {  
            System.out.print("C");  
        }  
    }  
}
```

- ☐ B
- ☐ C
- ☐ ABC
- ☒ BC



Find the output of the following Java program ?

```
class ArrayTraverse {  
    public static void main(String args[]) {  
        int arr[] = {41, 32, 23, 14, 5, 50};  
        for(int i=0; i<6; i++){  
            System.out.print(" " + arr[arr[i]%10]);  
        }  
    }  
}
```

- ☐ Compilation Error
- ☐ 41 32 23 14 5 50
- ☐ ArrayIndexOutOfBoundsException
- ☒ 32 23 14 5 50 41



What will be the output of the following Java program ?

```
final class A {  
    int i;  
}  
class B extends A {  
    void display(){  
        int j;  
        System.out.println(j+" "+i);  
    }  
}  
class inheritance {  
    public static void main(String args[]) {  
        B obj=new B();  
        obj.display();  
    }  
}
```

- ☒ Compilation Error
- ☐ 3 3
- ☐ 2 2
- ☐ Runtime Error



What is the output of the below Java program ?

```
class exception_handling {  
    public static void main(String args[]) {  
        try {  
            System.out.print("Hello"+" "+1/0);  
        }  
        catch(ArithmeticException e){  
            System.out.print("World");  
        }  
    }  
}
```

- ☐ Hello
- ☒ World
- ☐ HelloWorld
- ☐ Hello World



What will be the output ?

```
public interface Infa {  
    protected String getName();  
}  
public class Test implements Infa {  
    public String getName() {  
        return "test-name";  
    }  
    public static void main (String args[]){  
        Test t = new Test();  
        System.out.println(t.getname());  
    }  
}
```

- ☐ Compilation fails due to error in line 1
- ☐ Compilation succeed but run time exception
- ☒ Compilation fails due to error in line 2
- ☐ test-name



What is the output of the below Java program ?

```
class A {  
    int i;  
}  
class B extends A {  
    int j;  
    void display() {  
        super.i= j +1;  
        System.out.println(j+" "+i);  
    }  
}  
class inheritance {  
    public static void main(String args[]) {  
        B obj=new B();  
        obj.i=1;  
        obj.j=2;  
        obj.display();  
    }  
}
```

- ☒ 2 3
- ☐ 2 2
- ☐ 3 2
- ☐ 3 3



What is the output of following program ?

```
class Base {  
    int value = 0;  
    Base() {  
        addValue();  
    }  
    void addValue() {  
        value+=10;  
    }  
    int getValue() {  
        return value;  
    }  
}  
class Derived extends Base {  
    Derived() {  
        addValue();  
    }  
    void addValue() {  
        value+= 20;  
    }  
}  
class Test {  
    public static void main (String args[]) {  
        Base b = new Derived();  
        System.out.println(b.getValue());  
    }  
}
```

☐ 10

☐ 20

☐ 30

☒ 40



What is the output of the below Java program ?

```
class output {  
    public static void main(String args[]) {  
        StringBuffer s1=new StringBuffer("Hello");  
        s1.setCharAt(1, x);  
        System.out.println(s1);  
    }  
}
```

- ☐ xello
- ☒ Hxlllo
- ☐ Hexlo
- ☐ Xxxx



Determine the output of following code

```
public class Test {  
    public static void main(String args[]) {  
        int i;  
        try {  
            i = calculate();  
            System.out.println(i);  
        }  
        catch (Exception e) {  
            System.out.println("Error occurred");  
        }  
    }  
    static int calculate () {  
        return (7/2);  
    }  
}
```

- ☒ 3
- ☐ 3.5
- ☐ None of the above
- ☐ Compilation error



Select 3 valid qualifiers from “public, native, abstract, static, private, final, protected” for line number 2 below:
public interface Status {
[Line 2: Insert qualifiers here] int VALUE = 10;
}

- ☐ final, native, private
- ☐ final, static, protected
- ☐ final, private, abstract
- ☒ final, static, public



What is the output of following program

```
interface A {  
    void method();  
}  
class A {  
    public void method() {  
        System.out.println("class A method");  
    }  
}  
class B {  
    public void method() {  
        System.out.println("class B method");  
    }  
}  
class Test extends B {  
    public static void main (String args[]) {  
        A c = new B;  
        c.method()  
    }  
}
```

- ☐ class A method
- ☐ no output
- ☐ class B method
- ☒ compilation error

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