What will the following code print?
List s1 = new ArrayList();
s1.add("a");
s1.add("b");
s1.add("a");
System.out.println(s1.remove("a")+" "+s1.remove("x"));

Please select 1 option

1 0
2 -1
2 0
1 -1
true false

Which of the following is NOT a primitive data value in Java?

Please select 2 options

"x"

'x'

10.2F

new Object()

false

```
Given:

import java.util.*;

public class TestClass {

    public static void main(String[] args) throws Exception {

        ArrayList<Double> al = new ArrayList<();

        //INSERT CODE HERE

    }

What can be inserted in the above code so that it can compile without any error?

Please select 2 options

    al.add(111);

System.out.println(al.indexOf(1.0));

System.out.println(al.contains("string"));

Double d = al.get(al.length);
```

Which of the following are valid declarations of the standard main method?

Please select 2 options

static void main(String args[]) {}

public static int main(String args[]) {}

public static void main (String args) {}

final static public void main (String[] arguments) {}

public static void main (String[] arguments) {}

public static void main (String[] arguments) {}

What will the following statement print?

System.out.printf("I scored %d marks in the %s exam!", "90%", "Java Foundations");

Please select 1 option

I scored 90% marks in the Java Foundations exam!

I scored 90 marks in the Java Foundations exam!

Exception will be thrown at run time.

It will print I scored 90 marks in the Java Foundations exam! if "90%" is changed to "90" in the argument list.

Which of the following can be valid declarations of an integer variable?

Please select 2 options
global int x = 10;
final int x = 10;
public Int x = 10;
Int x = 10;
static int x = 10;

Q 7 of 60 QID: om.enthuware.ifcia.v8.2.269	Hide Section/Toughness	Mark 🗖 🖴 📙
Given the following set of member declarations, which of the following is true?		
int a; // (1) static int a; // (2) int f() { return a; } // (3) static int f() { return a; } // (4)		
Please select 2 options		
Declarations (1) and (3) cannot occur in the same class definition.		
Declarations (2) and (4) cannot occur in the same class definition.		
Declarations (1) and (4) cannot occur in the same class definition.		
Declarations (2) and (3) cannot occur in the same class definition.		
Declarations (1) and (2) cannot occur in the same class definition.		

Q 3 of 60 QID: com.enthuware.ifcja.v8.2.304 ?	Hide Section/Toughness	Mark 🗖 🖴 🦰
What is the result of executing the following fragment of code:		
boolean b1 = false; boolean b2 = false;		
if (b2 != b1 = !b2)		
System.out.println("true");		
else		
<pre>{ System.out.println("false"); }</pre>		
Please select 1 option		
Compile time error.		
It will print true.		
It will print false.		
Runtime error.		
It will print nothing.		

Which of the following can be used as a constructor for the class shell given below?

public class TestClass
{
 // lots of code ... }

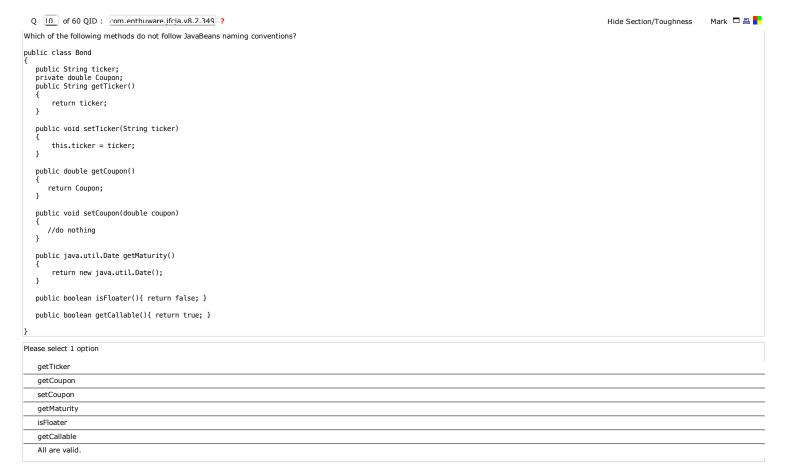
Please select 2 options
 public TestClass() {...}

public static TestClass() {...}

public static TestClass() {...}

public final TestClass() {...}

public TestClass() {...}



Q 1 of 60 QID: com.enthuware.ifcia.v8.2.331 ?

Which method declarations will enable a class to be run as a standalone program?

Please select 2 options

static void main(String args[])

public void static main(String args[])

public static main(String [] argv)

final public static void main(String args[])

public static void main(String args[])



Which of these statements regarding the following code are correct?

which of these statements regarding the following code are correct?

public class TestClass
{
 static int a;
 int b;
 public TestClass()
 {
 int c;
 c = a;
 a++;
 b += c;
 }
 public static void main(String args[]) { new TestClass(); }
}

Please select 1 option

The code will fail to compile, since the constructor is trying to access static members.

The code will fail to compile, since the constructor is trying to use static member variable a before it has been initialized.

Add Note

The code will fail to compile, since the constructor is trying to use member variable b before it has been initialized.

The code will fail to compile, since the constructor is trying to use local variable c before it has been initialized.

The code will compile and run without any problems.



Produces no output



```
Q 16 of 60 QID: com.enthuware.ifcia.v8.2.310
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                                                                                                                                                                                          Mark 🗖 🖴 💾
Consider the following class:
public class ArgsPrinter
{
   public static void main(String args)
{
      for(int i=0; i<3; i++) {
         System.out.println(args);
   }
What will be printed when the above class is run using the following command line: java ArgsPrinter 1 2 3 4 \,
Please select 1 option
    123
    ArgsPrinter 1 2
    java ArgsPrinter 1 2
   111
    None of these.
```

Q 17 of 60 QID: com.enthuware.ifcia.v8.2.420 ? Hide Section/Toughness Mark □ 🖺 📘 What can be inserted at //1 and //2 in the code below so that it will print a number between 0.0 and 1.0? (Assume that no package has been imported in the code.) //1
double d = //2
System.out.println(d); Please select 2 options java.util.Random r = new java.util.Random(); and r.random(); Random r = new Random(); and r.random(); java.util.Random r = new java.util.Random(); and r.nextDouble(); Random r = new Random(); and r.next(); java.util.Random r = new java.util.Random(100); and r.nextDouble(); Random r = new Random(100);and
r.getDouble();

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of 60 QID: rom.enthuware.ifcia.v8.2.216
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Hide Section/Toughness Mark □ □ □

Which of these is the correct format to use to create the char literal of value a?

Assume that \u0061 is the unicode value for a.

Please select 2 options

'a'

"a"

new Character(a)

\u0061

\u0061'

\



Q 1 of 60 QID: com.enthuware.ifcia.v8.2.274 ?

try { System.out.println(args[args.length-1]); }
catch (NullPointerException e) {}

Hide Section/Toughness

Mark 🗖 🖴 💾



Identify the exceptions that will be received when the code snippets on the left hand side are executed.

int factorial(int n){ if(n==1) return 1; else return n*factorial(n-) } Assume that it is called with		big integer.				
<pre>2. void printMe(Object[] oa) for(int i=0; i<=oa.length; System.out.println(oa[} Assume that it is called as so</pre>	; i++) (i]);	ntMe(null);				
<pre>3. Object m1(){ return new Object(); } void m2(){ String s = (String) m1();</pre>		Clas	ssCastException	Arra	ayIndexOutOfBoundsExce	eption
}		StackOverflowError		NullPointerException		
		No	Exception Will Be	Thrown.	Will Not Compile.	
	OK	Reset	Show My	Answer	Show Correct Answer	₽

Q 24 of 60 QID: com.enthuware.ifcia.v8.2.227 Hide Section/Toughness Mark 🗖 🖴 💾 Which digits and in what order will be printed when the following program is run? public class TestClass
{ public static void main(String args[]) int k = 0; try{ int i = 5/k; } catch (ArithmeticException e){
 System.out.println("1"); catch (RuntimeException e){
 System.out.println("2");
 return; catch (Exception e){
 System.out.println("3"); System.out.println("5"); Please select 1 option The program will print 5. The program will print 1 and 4, in that order.

Add Note

The program will print 1, 2 and 4, in that order.
The program will print 1, 4 and 5, in that order.
The program will print 1,2, 4 and 5, in that order.

System.out.println('a' + 1); would print b.

What will the following code print when compiled and run?

import java.util.*;
public class TestClass {
 public static void main(String[] args) throws Exception {
 ArrayList<String> al = new ArrayList<String>();
 al.add("111");
 al.add("222");
 System.out.println(al.get(al.size()));
 }
}

Please select 1 option

It will not compile.

It will throw an IndexOutOfBoundsException at run time.

It will throw an IndexOutOfBoundsException at run time.

Q 27 of 60 QID: nom.enthuware.ifcia.v8.2.443 ?

You are developing a class that represents a Book. Which data type will you use for storing the ISBN number, which is an alphanumeric number, of the book?

Please select 1 option

int

char

String

Add Note

None of these.



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of 60 QID: rom.enthuware.ifcia.v8.2.228
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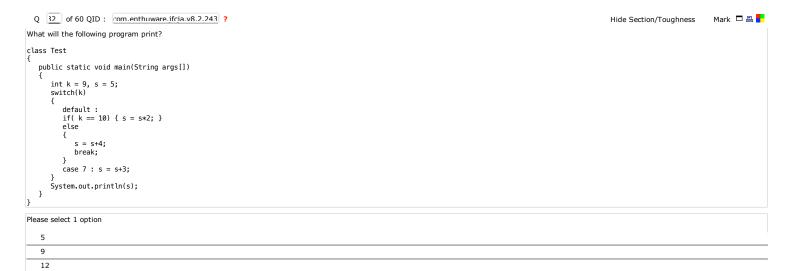
Which of the following code fragments are valid method declarations?
Please select 1 option
void method2() {}
void method3(void){}
method4{}
method5(void){}
method5(void){}

Q 31 of 60 QID: com.enthuware.ifcia.v8.2.470 ?

Given:
int a = 5, b = 2, c = 30;
System.out.println(a + ++b * c);

What is the result?
See Hint

Please select 1 option
65
210
180
95
Compilation failure



It will not compile.

It provides control over data.

Q 34 of 60 QID: com.enthuware.ifcia.v8.2.451

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Which of these statements concerning the charAt() method of java.lang.String class are true?

Please select 2 options

The charAt() method can take a char value as an argument.

The charAt() method returns a Character object.

The expression char ch = "12345".charAt(3) will assign 3 to ch.

The expression char ch = str.charAt(str.length()) where str is "12345", will assign 3 to ch.

The index of the first character is 0.

Q 35 of 60 QID: rom.enthuware.ifcia.v8.2.308 ? Hide Section/Toughness Mark □ ♣ ►
Which of the following are valid declarations:

Please select 3 options

int a = b = c = 100;

int a, b, c; a = b = c = 100;

int a, b, c=100;

int a=100, b, c;

int a=100 = b = c;



No compilation error and line 3 will be executed.

No compilation error and line 3 will NOT be executed.

Only the line with the label Loop will be printed.

Q 37 of 60 QID: om.enthuware.ifcia.v8.2.288 ?

Given the following code snippet:

int rate = 10;
int t = 5;
XXX amount = 1000.0;
for(int i=0; i<t; t++)
{
 amount = amount*(1 - rate/100);
}
What can XXXX be?

Please select 1 option
 int
 long
 only double
 double or float

float

What will be the result of attempting to compile and run the following program?

class TestClass
{
 public static void main(String args[)) {
 boolean b = false;
 int i = 1;
 do
 {
 i+++;
 } while (b = !b);
 System.out.println(i);
 }
}

Please select 1 option

The code will fall to compile because the while statement used in the code has an invalid condition expression.

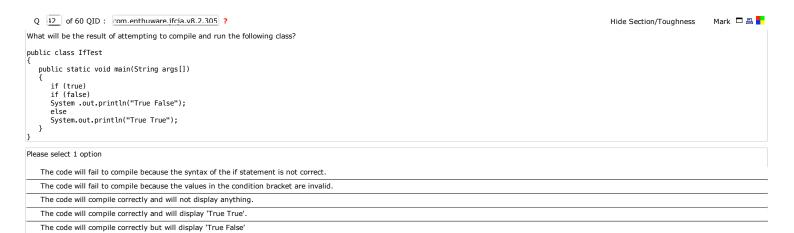
It will compile but will throw an exception at runtime.

It will create an infinite loop.

Add Note

It will print 1.







Q 4 of 60 QID: rom.enthuware.ifcia.v8.2.416 ?

The JRE contains:

Please select 2 options

Java API

Virtual machine

debugging tools

IDE

Java Application Launcher

Which of the following are primitive integral types in java?

Please select 4 options
float
nibble
char
byte
short
int

Add Note

natural

Q 46 of 60 QID: com.enthuware.ifcia.v8.2.272	Hide Section/Toughness	Mark 🗖 🖺 👭
Consider the following class definition:		
<pre>public class TestClass { public static void main(){ new TestClass().sayHello(); } //1 public static void sayHello(){ System.out.println("Static Hello World"); } //2 public void sayHello() { System.out.println("Hello World "); } //3 }</pre>		
What will be the result of compiling and running the class?		
Please select 1 option		
It will print 'Hello World'.		
It will print 'Static Hello World'.		
Compilation error at line 2.		
Compilation error at line 3.		
Runtime Error.		

What will the following code print?

String abc = "";
abc.concat("abc");
abc.concat("def");
System.out.println(abc);

Please select 1 option
abc
abcdef
def

It will print empty string (or in other words, nothing).

It will not compile because there is no concat() method in String class.

Please select 1 option

True

False

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Q 50 of 60 QID: com.enthuware.ifcia.v8.2.432 ?

Hide Section/Toughness Mark □ 🖺 📘

You are developing a Java rich client application that is to be installed on a lot of workstations used by the employees of your company. The users are located in various office locations across the globe. Which of the following Java technologies will be useful in delivering the application to the users over the internet?

Please select 1 option Java RMI Java Web Start Email EJB and Servlet Swing/AWT

Which of the following are literals?

Please select 3 options

goto

case

break

true

false

null

Integer

Identify the types of literals shown below.

1. 10 INVALID

2. 10L int double

3. 10F char float

4. 10D long String

5. '10'

6. "10"

7. 10C

OK Reset Show My Answer Show Correct Answer

-





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Q 55 of 60 QID: com.enthuware.ifcia.v8.2.405 ?
                                                                                                                                                                                                                            Hide Section/Toughness
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class Acct {
  int id;
  double balance;
      public Acct(int id, double balance){
   this.id = id;
   this.balance = balance;
      public void setId(int id){
   this.id = id;
      public void setBalance(double balance){
  this.balance = balance;
      }
public class Account{
   public static void main(String[] args) {
           System.out.println(acct.id+" "+acct.balance);
What can be inserted in the above code so that it will print 10 10.0?
Please select 1 option
     Acct acct = new Acct();
acct.id = 10;
acct.balance = 10.0;
     Acct acct = new Acct(10, 10);
     Acct acct = new Acct();
acct.setId(10);
acct.setBalance(10.0);
     Acct acct = null;
acct.id = 10;
acct.balance = 10.0;
     Acct acct;
acct.id = 10;
acct.balance = 10.0;
```

```
Q 56 of 60 QID: rom.enthuware.ifria.v8.2.328 ?

Consider the following code:

class Test
{
    public static void main(String[] args)
    {
        for (int i = 0; i < args.length; i++) System.out.print(i == 0 ? args[i] : " " + args[i]);
    }
}

What will be the output when it is run by giving the following command:
    java Test good bye friend!

Please select 1 option

It will print good good good

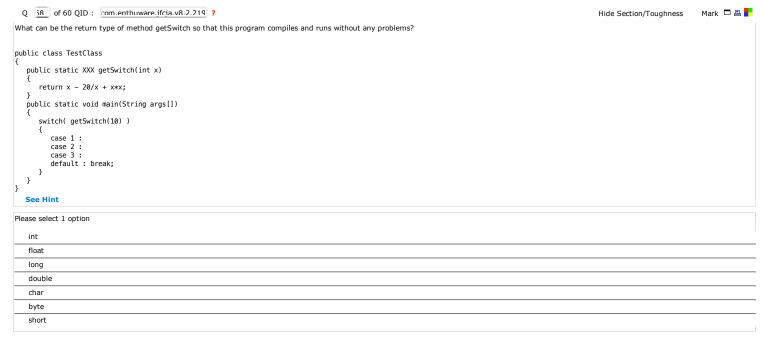
It will print good good good

It will print good good good

It will print good bye

None of the above.
```

Q 7 of 60 QID: om.enthuware.ifcia.v8.2.391	Hide Section/Toughness	Mark 🗖 🖴 💾
What will the following code print when run?		
List s1 = new ArrayList(); //1 s1.add("ann");//2 if(s1.contains("ann")) //3 s1.add("ann");//4 System.out.println(s1.size()+" "+s1.indexOf("ann"));//5		
Please select 1 option		
10		
2 0		
2 1		1
11		
Compilation failure		
an exception at run time		



Q 59 of 60 QID: com.enthuware.ifcia.v8.2.439 ?

Hide Section/Toughness Mark □ 🖺 📘

Your GUI screen contains a text field for username. The String variable used to store the value entered by the user is named userName. Which of the following lines of code will you use to check whether the userName is empty or not? A value containing only spaces is also considered empty.

Please select 1 option

userName.equals("")

userName.removeWhiteSpaces().equals("")

userName.trim().length == 0

userName.trim().equals("")

