$\frac{47}{60} \Rightarrow 77.6\%$

Pass

Q of 60 QID : com.enthuware.ifcja.v8.2.365 ?

Hide Section/Toughness Mark

What will the following code print?

```
List s1 = new ArrayList( );
s1.add("a");
s1.add("b");
s1.add("c");
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

Add Note

Q 2 of 60 QID : com.enthuware.ifcja.v8.2.296 ? Hide Section/Toughness Mark

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

Please select 2 options

- "x"
- 'x'
- 10.2F
- new Object()
- false

Add Note

Q 3 of 60 QID : com.enthuware.ifcja.v8.2.366 ?

Hide Section/Toughness Mark

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);`

Add Note

Q 1 of 60 QID : com.enthuware.ifcja.v8.2.343 ?

Hide Section/Toughness Mark

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[ ] args) { }`

Add Note

Q 5 of 60 QID : com.enthuware.ifcja.v8.2.425 ?

Hide Section/Toughness Mark

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.

Add Note

Q 5 of 60 QID : com.enthuware.ifcja.v8.2.389 ?

Hide Section/Toughness Mark

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;
```

Add Note

Q 7 of 60 QID : com.enthuware.ifcja.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.

Add Note

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
{
   System.out.println("false");
}
```

Please select 1 option

- Compile time error.
- It will print true.
- It will print false.
- Runtime error.
- It will print nothing.

Add Note

Q 9 of 60 QID : com.enthuware.ifcja.v8.2.351 ?

Hide Section/Toughness Mark

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 void TestClass() {...}`
- `public TestClass() {...}`
- `public static TestClass() {...}`
- `public final TestClass() {...}`
- `public TestClass(int x) { ...}`

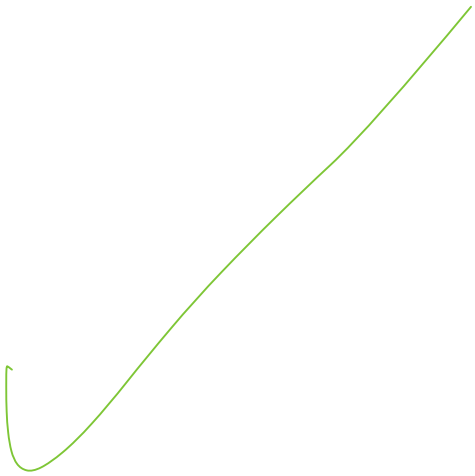
Add Note

Q 10 of 60 QID : com.enthuware.ifcja.v8.2.349 ?

Hide Section/Toughness Mark

Which of the following methods do not follow JavaBeans naming conventions?

```
public class Bond
{
   public String ticker;
   private double Coupon;
   public String getTicker()
   {
       return ticker;
   }

   public void setTicker(String ticker)
   {
       this.ticker = ticker;
   }

   public double getCoupon()
   {
      return Coupon;
   }

   public void setCoupon(double coupon)
   {
      //do nothing
   }

   public java.util.Date getMaturity()
   {
       return new java.util.Date();
   }

   public boolean isFloater(){ return false; }

   public boolean getCallable(){ return true; }

}
```



Please select 1 option

- getTicker
- getCoupon
- setCoupon
- getMaturity
- isFloater
- getCallable
- All are valid.

Add Note

Q 11 of 60 QID : com.enthuware.ifcja.v8.2.331 ?

Hide Section/Toughness Mark

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 [ ] array)
- public static void main(String args[ ])

Add Note

Q 12 of 60 QID : com.enthuware.ifcja.v8.2.355 ?

Hide Section/Toughness Mark

What will the following code print?

```
class Test
{
    public static void main(String args[])
    {
        int c = 0;
        A: for(int i = 0; i < 2; i++)
        {
            B: for(int j = 0; j < 2; j++)
            {
                C: for(int k = 0; k < 3; k++)
                {
                    c++;
                    if(k>j) break;
                }
            }
        }
        System.out.println(c);
    }
}
```

Please select 1 option

- 7
- 8
- 9
- 10
- 11

Add Note

Q 13 of 60 QID : com.enthuware.ifcja.v8.2.211 ?

Hide Section/Toughness Mark

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.
- 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.

Add Note

Q 14 of 60 QID : com.enthuware.ifcja.v8.2.352 ?

Hide Section/Toughness Mark

In the following code what will be the output if 0 (integer value zero) is passed to loopTest()?

```
public class TestClass
{
   public void loopTest(int x)
   {
      loop: for (int i = 0; i < 5; i++)
      {
         for (int j = 1; j < 5; j++)
         {
            System.out.println(i);
            if (x == 0) {  continue loop;  }
            System.out.println(j);
         }
      }
   }
}
```

Please select 1 option

- The program will not compile.
- It will print 1 2 3 4
- It will print 1 1 2 3 4
- It will print 1 1 2 2 3 3 4 4
- Produces no output

Add Note

Q 15 of 60 QID : com.enthuware.ifcja.v8.2.341 ?

Hide Section/Toughness Mark

What will the following program print?

```
class Test
{
    public static void main(String args[])
    {
        int c = 0;
        boolean flag = true;
        for(int i = 0; i < 3; i++)
        {
            while(flag)
            {
                c++; c=1+1+1+1+1+1+1+1
                if(i>c || c>5) flag = false;
            }
        }
        System.out.println(c);
    }
}
```

Please select 1 option

- 3
- 4
- 5
- 6
- 7

Add Note

Q 16 of 60 QID : com.enthuware.ifcja.v8.2.310 ?

Hide Section/Toughness 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

- 1 2 3
- ArgsPrinter 1 2
- java ArgsPrinter 1 2
- 1 1 1
- None of these.

Add Note

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();
```

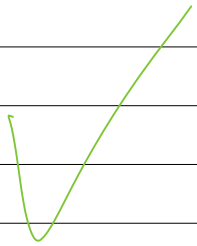
```
Random r = new Random();
and
r.random();
```

```
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();
```



Add Note

Q 18 of 60 QID : com.enthuware.ifcja.v8.2.216 ?

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'

Add Note

Q 19 of 60 QID : com.enthuware.ifcja.v8.2.350 ?

Hide Section/Toughness Mark

What will the following program print?

```
class Test
{
    public static void main(String args[])
    {
        int i=0, j=0;
        X1: for(i = 0; i < 3; i++)
        {
            X2: for(j = 3; j > 0; j--)
            {
                if(i < j) continue X1;
                else break X2;
            }
        }
        System.out.println(i+" "+j);
    }
}
```

Please select 1 option

0 3

0 2

3 0

3 3

2 2

Add Note

Q 20 of 60 QID : com.enthuware.ifcja.v8.2.238 ?

Hide Section/Toughness Mark

Given the following two lines of code:

```
int rate = 10;
XXX amount = 1 - rate/100*1 - rate/100;
```

What can XXX be?

See Hint

Please select 1 option

- only int or long
- only long or double
- only double
- int, long, float, or double
- long or double but not int or float.

Add Note

Q 21 of 60 QID : com.enthuware.ifcja.v8.2.274 ?

Hide Section/Toughness Mark

Which code fragments will print the last argument given on the command line to the standard output, and exit without any output and exceptions on the command line if no arguments are given?

Please select 3 options

```
public static void main(String args[ ])
{
       if (args.length != 0)   System.out.println(args[args.length-1]);
}
```

```
public static void main(String args[ ])
{
       try {      System.out.println(args[args.length-1]);        }
       catch (ArrayIndexOutOfBoundsException e) {    }
}
```

```
public static void main(String args[ ])
{
     int i = args.length;
     if (i != 0) System.out.println(args[i-1]);
}
```

```
public static void main(String args[ ])
{
    int i = args.length-1;
   if (i > 0) System.out.println(args[i]);
}
```

```
public static void main(String args[ ])
{
      try { System.out.println(args[args.length-1]); }
      catch (NullPointerException e) {}
}
```

Add Note

Q 22 of 60 QID : com.enthuware.ifcja.v8.2.231 ?

Hide Section/Toughness Mark

Consider the following method:

```
public static void ifTest(boolean flag)
{
   if (flag)   //1
   if (flag)   //2
   if (flag)   //3
   System.out.println("False True");
   else        //4
   System.out.println("True False");
   else        //5
   System.out.println("True True");
   else        //6
   System.out.println("False False");
}
```

Which of the following statements are correct ?

Please select 2 options

- If run with an argument of 'false', it will print 'False False'
- If run with an argument of 'false', it will print 'True True'
- If run with an argument of 'true', it will print 'True False'
- It will never print 'True True'
- It will not compile.

Add Note

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

1.

```
int factorial(int n){
 if(n==1) return 1;
 else return n*factorial(n-1);
}
```

Assume that it is called with a very big integer.

StackOverFlow error

2.

```
void printMe(Object[] oa){
 for(int i=0; i<=oa.length; i++)
    System.out.println(oa[i]);
}
```

Assume that it is called as such: printMe(null);

NullPointerException

3.

```
Object m1( ){
 return new Object();
}
void m2( ){
  String s = (String) m1( );
}
```

No Exception

ClassCastException

ArrayIndexOutOfBoundsException

~~**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.ifcja.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");
      }
      finally{
         System.out.println("4");
      }
      System.out.println("5");
   }
}
```

Please select 1 option

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

Add Note

Q 25 of 60 QID : com.enthuware.ifcja.v8.2.210 ?

Hide Section/Toughness Mark

Which of the following statements are true?

Please select 2 options

- System.out.println(1 + 2 + "3"); would print 33.
- System.out.println("1" + 2 + 3); would print 15.
- System.out.println(4 + 1.0f); would print 5.0
- System.out.println(5/4); would print 1.25
- System.out.println('a' + 1); would print b.

Add Note

Q 26 of 60 QID : com.enthuware.ifcja.v8.2.373 ?

Hide Section/Toughness Mark

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 a NullPointerException at run time.

It will throw an IndexOutOfBoundsException at run time.

222

null

Add Note

Q 27 of 60 QID : com.enthuware.ifcja.v8.2.443 ?

Hide Section/Toughness Mark

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
- None of these.

Add Note

Q 28 of 60 QID : com.enthuware.ifcja.v8.2.383 ?

Hide Section/Toughness Mark

What will the following code print when compiled and run?

```
public class TestClass{
   public static void main(String[] args){
        int[] arr = { 1, 2, 3, 4, 5, 6 };
        int counter = 0;
        for (int value : arr) {
           if (counter >= 5) {
               break;
           } else {
            continue;
           }
           if (value > 4) {
             arr[counter] = value + 1;
           }
           counter++;
        }
        System.out.println(arr[counter]);
   }

}
```

Please select 1 option

- It will not compile.
- It will throw an exception at run time.
- 5
- 6
- 7
- 8

Add Note

Q 29 of 60 QID : com.enthuware.ifcja.v8.2.253 ?

Hide Section/Toughness Mark

Identify valid for constructs:

Please select 3 options

```
for(;Math.random()<0.5;)
{
   System.out.println("true");
}
```

```
for(;;Math.random()<0.5)
{
   System.out.println("true");
}
```

```
for(;;Math.random())
{
   System.out.println("true");
}
```

```
for(;;)
{
   if(Math.random()<.05) break;
}
```

Add Note

Q 30 of 60 QID : com.enthuware.ifcja.v8.2.228 ?

Hide Section/Toughness Mark

Which of the following code fragments are valid method declarations?

Please select 1 option

- void method1{ }
- void method2( ) { }
- void method3(void){ }
- method4{ }
- method5(void){ }

Add Note

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

Hide Section/Toughness Mark

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

Add Note

Q 82 of 60 QID : com.enthuware.ifcja.v8.2.243 ?

Hide Section/Toughness Mark

What will the following program print?

```
class Test
{
   public static void main(String args[])
   {
      int k = 9, s = 5;
      switch(k)
      {
         default :
         if( k == 10) { s = s*2; }
         else
         {
            s = s+4;
            break;
         }
         case 7 : s = s+3;
      }
      System.out.println(s);
   }
}
```

Please select 1 option

5

9

12

It will not compile.

Add Note

Q 83 of 60 QID : com.enthuware.ifcja.v8.2.462 ?

Hide Section/Toughness Mark

Which of the following is a benefit of encapsulation?

Please select 1 option

- It allows you to add functionality by extending the class.
- It allows you to plug and play different components without changing the code.
- It allows you the change the implementation of the internal logic without changing the API.
- It allows you to couple one class with another.
- It provides control over data.

Add Note

Q 84 of 60 QID : com.enthuware.ifcja.v8.2.451 ?

Hide Section/Toughness Mark

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.

Add Note

Q 35 of 60 QID : com.enthuware.ifcja.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;
```

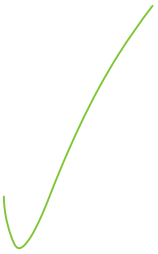
```
int a=100, b, c;
```

```
int a= 100 = b = c;
```

Add Note

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

```
class TestClass
{
   public static void main(String args[])
   {
      int i = 0;
      loop :         // 1
      {
         System.out.println("Loop Lable line");
         try
         {
            for (  ;  true ;  i++ )
            {
               if( i >5) break loop;       // 2
            }
         }
         catch(Exception e)
         {
            System.out.println("Exception in loop.");
         }
         finally
         {
            System.out.println("In Finally");      // 3
         }
      }
   }
}
```



Please select 1 option

- Compilation error at line 1 as this is an invalid syntax for defining a label.
- Compilation error at line 2 as 'loop' is not visible here.
- 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.

Add Note

Q 37 of 60 QID : com.enthuware.ifcja.v8.2.288 ?

Hide Section/Toughness Mark

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 XXX be?

Please select 1 option

- int
- long
- only double
- double or float
- float

Add Note

Q 38 of 60 QID : com.enthuware.ifcja.v8.2.409 ?

Hide Section/Toughness Mark

Identify the fundamental principles of Object Oriented Programming.

Please select 2 options

- Code reuse
- Dependency Injection
- Hiding unnecessary details
- Scripting
- Write once run anywhere (WORA)

Add Note

Q 89 of 60 QID : com.enthuware.ifcja.v8.2.314 ?

Hide Section/Toughness Mark

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 fail 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 print 3.

It will create an infinite loop.

It will print 1.

Add Note

Q 40 of 60 QID : com.enthuware.ifcja.v8.2.460 ?

Hide Section/Toughness Mark

Consider the following two java files in /home/user directory:

```
//file A.java
package com.enthu;
class A
{
}

//file B.java
package com.foo;
class B
{
}
```

The files are compiled using the following command line:

```
javac -d /home *.java
```

Where will the class files be created?

Please select 1 option

- Both A.class and B.class in /home
- A.class in /home/com/enthu and B.class in /home/com/foo
- Both A.class and B.class in /home/classes
- No class file will be generated.

Add Note

Q 41 of 60 QID : com.enthuware.ifcja.v8.2.417 ?

Hide Section/Toughness Mark

A Java method ....

Please select 2 options

- cannot return multiple values.
- cannot be private.
- must take 1 or more parameters.
- must return a value.
- must exist inside a type definition.

Add Note

Q 42 of 60 QID : com.enthuware.ifcja.v8.2.305 ?

Hide Section/Toughness Mark

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

```
public class IfTest
{
   public static void main(String args[])
   {
      if (true)
      if (false)
      System .out.println("True False");
      else
      System.out.println("True True");
   }
}
```

Please select 1 option

- The code will fail to compile because the syntax of the if statement is not correct.
- The code will fail to compile because the values in the condition bracket are invalid.
- The code will compile correctly and will not display anything.
- The code will compile correctly and will display 'True True'.
- The code will compile correctly but will display 'True False'

Add Note

Q 43 of 60 QID : com.enthuware.ifcja.v8.2.406 ?

Hide Section/Toughness Mark

Given:

```
public class Test
{
    static int a;
    int b;

    public void incr(){
       int c = a++;
       b++;
       c++;
       System.out.println(a+" "+b+" "+c);
    }
   public static void main(String args[])
   {
      Test test = new Test();
      test.incr();
      a++;
      test = new Test();
      test.incr();
   }
}
```

What will be the output?

Please select 1 option

Compilation failure.

1 1 1
2 1 2

1 1 1
3 1 3

1 2 1
2 3 3

1 2 1
3 3 3

Add Note

Q 44 of 60 QID : com.enthuware.ifcja.v8.2.416 ?

Hide Section/Toughness Mark

The JRE contains:

Please select 2 options

- Java API
- Virtual machine
- debugging tools
- IDE
- Java Application Launcher

Add Note

Q 45 of 60 QID : com.enthuware.ifcja.v8.2.482 ?

Hide Section/Toughness Mark

Which of the following are primitive integral types in java?

Please select 4 options

- float
- nibble
- char
- byte
- short
- int
- natural

Add Note

Q 46 of 60 QID : com.enthuware.ifcja.v8.2.272 ?

Hide Section/Toughness Mark

Consider the following class definition:

```
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
}
```

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.

Add Note

Q 47 of 60 QID : com.enthuware.ifcja.v8.2.448 ?

Hide Section/Toughness Mark

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.

Add Note

Q 48 of 60 QID : com.enthuware.ifcja.v8.2.303 ?

Hide Section/Toughness Mark

The following code snippet will not compile...

```
int i = 10;
System.out.println( i<20 ? out1() : out2() );
```

Assume that out1 and out2 have method signature: public void out1(); and public void out2();.

Please select 1 option

True

False

Add Note

Q 49 of 60 QID : com.enthuware.ifcja.v8.2.446 ?

Hide Section/Toughness Mark

What will be written to the standard output when the following program is run?

```
public class TrimTest
{
   public static void main(String args[])
   {
      String blank  = " ";  // one space
      String line = blank + "hello" + blank + blank;
      line.concat("world");
      String newLine  =  line.trim();
      System.out.println((int)(line.length() + newLine.length()));
   }
}
```

Please select 1 option

- 25
- 24
- 23
- 22
- None of the above.

Add Note

Q 50 of 60 QID : com.enthuware.ifcja.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

Add Note

Q 51 of 60 QID : com.enthuware.ifcja.v8.2.399 ?

Hide Section/Toughness Mark

Which of the following are literals?

Please select 3 options

- goto
- case
- break
- true
- false
- null
- Integer

Add Note

Identify the types of literals shown below.

1. 10 [ ] int INVALID
2. 10L [ ] Long int double
3. 10F [ ] float char float
4. 10D [ ] double long String
5. '10' [ ] Invalid
6. "10" [ ] String
7. 10C [ ] Invalid

OK Reset Show My Answer Show Correct Answer

Q 53 of 60 QID : com.enthuware.ifcja.v8.2.407 ?

Hide Section/Toughness Mark

Given:

```
public class Test
{
    public int div(int a, int b) throws Exception {
        try{
            return a/b;
        }catch(ArithmeticException ae){
            System.out.println("exception in div");
            return 0;
        }
    }

   public static void main(String args[])
   {
      Test test = new Test();
      try{
          System.out.println(test.div(5, 0));
      }catch(Exception e){
          System.out.println("exception in main");
      }
   }
}
```

What is the output?

Please select 1 option

- exception in div
  exception in main
- exception in div
- exception in main
- exception in div
  0
- Compilation failure

Add Note

Q 54 of 60 QID : com.enthuware.ifcja.v8.2.476 ?

Hide Section/Toughness Mark

What will the following code print when run?

```
public class Mambo {

public static String makeItBetter(String str) {
  return str+"!!!";
}

public static void main(String args[]){
   String str = "Hi";
   str = makeItBetter(str);
   System.out.println(str);

}
}
```

Please select 1 option

- Hi!!!
- Hi
- Hi!!!!!!
- None of these.

Add Note

Given:

```
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) {

        //INSERT CCODE HERE

        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;
```

Add Note

Q 56 of 60 QID : com.enthuware.ifcja.v8.2.328 ?

Hide Section/Toughness Mark

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 bye friend!
- It will print good good good
- It will print goodgoodgood
- It will print good bye
- None of the above.

Add Note

Q 57 of 60 QID : com.enthuware.ifcja.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

1 0

2 0

2 1

1 1

Compilation failure

an exception at run time

Add Note

Q 58 of 60 QID : com.enthuware.ifcja.v8.2.219 ?

Hide Section/Toughness Mark

What can be the return type of method getSwitch so that this program compiles and runs without any problems?

```
public class TestClass
{
   public static XXX getSwitch(int x)
   {
      return x - 20/x + x*x;
   }
   public static void main(String args[])
   {
      switch( getSwitch(10) )
      {
         case 1 :
         case 2 :
         case 3 :
         default : break;
      }
   }
}
```

See Hint

Please select 1 option

- int
- float
- long
- double
- char
- byte
- short

Add Note

Q 59 of 60 QID : com.enthuware.ifcja.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("")
```

Add Note

Q 50 of 60 QID : com.enthuware.ifcja.v8.2.436 ?

Hide Section/Toughness Mark

Consider the following code in file TestClass.java:

```
public class TestClass
{
  public static void main(String[] args)
  {
     System.out.println("Hello!!!");
  }
}
```

This file is compiled and run using the following command line:

```
java -version TestClass
```

What will be the output?

Please select 1 option

The Java interpreter will print the version information and then exit without running the java class.

It will print the version information followed by "Hello!!!".

It will only print "Hello!!!".

It will print an error message and exit.

Add Note