

You need to refactor the following code without changing its functionality. Line numbers are included for reference only.

```
01 displayMenu();  
02 for ( ; ; )  
03 {  
04     boolean b = makeNewTransaction();  
05     if (!b)  
06         break;  
07     displayMenu();  
08 }
```

Complete the code by moving the appropriate code segments from the list on the left to the correct positions on the right. You may use each code segment once, more than once, or not at all.

Code Segments

} break;

do

} do;

while (makeNewTransaction())

} while (makeNewTransaction());

}

Answer Area

{

displayMenu();

[Go To Summary](#)[Unmark for Review](#) ✓[Mark for Feedback](#)[Tools](#) ▾[Back](#)[Next](#)

Question 34 of 40

Time Remaining 00:12:05

Which code segment maintains the original array elements when exiting the loop?

☐ A.

```
for(int i = 0; i < intArray.length; i++)  
{  
    intArray[i] *= 2;  
}
```

☐ B.

```
for(Integer i : intArray)  
{  
    i *= 2;  
}
```

☐ C.

```
int count = 0;  
do  
{  
    intArray[count] *= 2;  
    count++;  
}  
while(count < intArray.length);
```

☐ D.

```
int count = 0;  
while(count < intArray.length)  
{  
    intArray[count] *= 2;  
    count++;  
}
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools ▾](#)

[Back](#)

[Next](#)

Question 31 of 40

Time Remaining 00:12:12

You have a Java class named `Account`. The constructor of the `Account` class accepts a `String` object.

You need to create a class named `SavingsAccount` that inherits from the `Account` class. The constructor of the `SavingsAccount` class perform the following tasks:

- Accept a `String` parameter named `name`.
- Pass a `String` value `SavingsAccount` to the constructor of the `Account` class.
- Initialize the class member `name` with the value of the constructor parameter `name`.

Complete the code by moving the appropriate code segments from the list on the left to the correct positions on the right. You may use each code segment once, more than once, or not at all.

Note: You will receive partial credit for each correct selection.

Code Segments

`Account`

`extends`

`implements`

`super`

`this`

Answer Area

```
public class SavingsAccount extends Account {  
    String name;  
    public SavingsAccount(String name) {  
        super("SavingsAccount");  
        this.name = name;  
    }  
}
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 25 of 40

Time Remaining 00:12:25

Review the following code:

```
public class Handler {  
  
    static int[] a;  
    static {  
        a[0]=2;  
    }  
  
    public static void main( String[] args ) {  
        try {  
            int number = a[0]++/3;  
            int result = a[0]/number;  
            System.out.println("The final result is: " + result);  
        } catch(Exception e) {  
            if(e instanceof ArithmeticException) {  
                System.out.println("The exception name is: " + e.getClass().getName());  
            } else {  
                System.out.println("The exception name is: " + e.getClass().getName());  
            }  
        }  
    }  
}
```

What is the output when you run the program?

- ☐ A The final result is: 2
- ☒ B java.lang.ExceptionInInitializerError
- ☐ C The exception name is: java.lang.RuntimeException
- ☐ D The exception name is: java.lang.ArithmeticException

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 23 of 40

Time Remaining 00:12:28

The `Movie` class includes a method `isInMovie` that is accessible only from within the class. The `isInMovie` method accepts the name of an actor to compare against a list of actors.

Complete the code by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection.

Answer Area

```
private bool isInMovie (Movie actor) {  
    for (int i = 0; i < numActors; i++) {  
        if (actors[i] == actor) return true;  
    }  
    return false;  
}
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 23 of 40

Time Remaining 00:12:30

You are developing an application that reads and writes files. The application must perform the following tasks:

- Display exceptions that are due to file handling errors
- Display the stack information if any other exception occurs

Complete the code by selecting the correct code segment from each drop-down list.

Note: You will receive partial credit for each correct selection.

Answer Area

```
try
{
    /* add logic */
}
catch (  e1)
{
    System.out.println(e1.  );
}
catch (  e2)
{
    System.out.println(e2.  );
}
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

You work as a Java programmer for a bank.

Evaluate the following class. Line numbers are included for reference only.

```
01 public class Account {  
02     protected int balance;  
03     public Account() {  
04         balance = 0;  
05     }  
06     public Account(int amount) {  
07         balance = amount;  
08     }  
09 }
```

Answer Area

• • • • •

- The Account class has a single constructor.
- Other classes can inherit the Account class.
- Line 07 is equivalent to `this.balance = amount;`

True

False

☐☒☒☐☒☐

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 26 of 40

Time Remaining 00:12:23

The constructor method for the `Rectangle` class takes integer arguments named `length` and `width`. `length` and `width` are declared in `main` and assigned values from user input.

You need to create an instance of the `Rectangle` class named `rect1`.

Complete the code by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection.

Answer Area

`Rectangle` `rect1` = `new` `Rectangle(length, width)` ;

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 28 of 40

Time Remaining 00:12:19

A company hires you to write a Java program to manage credit account openings. To open a new account, a person must meet one the following requirements:

- Be over 65 years old and have a minimum annual income of 10,000
- Be at least 21 and have an annual income greater than 25,000.

Complete the code by moving the appropriate operators from the list on the left to the correct positions on the right. You may use each operator once, more than once, or not at all. You might need to drag the split bar between panes or scroll to view content.

Operators

!=	&&	<	<=	=
==	>	>=		

Answer Area

```

if (age > 65 && income >= 10000 ||
    age >= 21 && income > 25000) {
    System.out.println("Approved");
}
else {
    System.out.println("Declined");
}
    
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 18 of 40

Time Remaining 00:12:42

You need to create an if statement that evaluates to true when both of the following conditions are met:

- sum is greater than or equal to num.
- cnt is smaller than num.

Complete the code by moving the appropriate operators from the list on the left to the correct positions on the right. You may use each operator once, more than once, or not at all.

Operators

&& > < >= <= == || !=

Answer Area

```
if (num <= sum && cnt < num)
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 19 of 40

Time Remaining 00:12:40

Evaluate the following code segment

```
int x = 50;  
x += 100 % 5 + 10 * 2;
```

What is the final value of x?

- ☐ A. 0
- ☐ B. 10
- ☐ C. 20
- ☐ D. 50
- ☒ E. 70
- ☐ F. 110

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools ▾](#)

[Back](#)

[Next](#)

Evaluate the following exception:

```
Exception in thread "main" java.lang.ArrayIndexOutOfBoundsException: 5
  at itsjava.Program.arrayDisplay(Program.java:31)
  at itsjava.Program.beginProcess(Program.java:23)
  at itsjava.Program.main(Program.java:18)
```

For each statement, select **True** or **False**.

Note: You will receive partial credit for each correct selection.

Answer Area

• • • • •

- The root cause of the exception is in the method `beginProcess()`.
- An error occurred on line 31.
- Three methods were invoked before the error occurred.
- The stack trace indicates that the exception was caused by a syntax error.

True

False

☒☐☐☐☐☐☐☒

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

The following Java method calculates scholarship award amounts based on grade point average (gpa). Line numbers are included for reference only.

```
01 static double calculateAward(double gpa, int satScore, int actScore)
02 {
03     double award = 0;
04     if (gpa >= 3.7 && (satScore >= 1200 || actScore >= 26))
05     {
06         award = 30000;
07     }
08     else if (gpa >= 3.0 || satScore >= 1200 || actScore >= 26)
09     {
10         award = 15000;
11     }
```

Answer Area

What is the return value of calculateAward(3.2, 1100, 28)?

What is the return value of calculateAward(2.7, 1500, 30)?

What is the return value of calculateAward(3.7, 1300, 23)?

[Go To Summary](#)[Mark for Review](#)[Mark for Feedback](#)[Tools](#)[Back](#)[Next](#)

Time Remaining 00:13:00

You have a Java class named `InsurancePolicy`.

You need to define a constant data member named `RATE`. The data member must be accessible by any class without instantiating the `InsurancePolicy` class.

Complete the code by moving the appropriate code segments from the list on the left to the correct positions on the right. You may use each code segment once, more than once, or not at all.

Code Segments

<code>final</code>	<code>finally</code>	<code>private</code>
<code>protected</code>	<code>public</code>	<code>static</code>
<code>super</code>	<code>void</code>	

Answer Area

```
public class InsurancePolicy
{
    public static final double RATE = .0642;
}
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Evaluate the following code segment. Line numbers are included for reference only.

```
01 public static void main(String[] args) {  
02     int anum = 55;  
03     for (int cnt = 0; cnt < 10; cnt++) {  
04         add(anum);  
05     }  
06     System.out.println(anum);  
07 }  
08  
09 public static void add(int anum) {  
10     anum++;  
11 }
```

Answer Area

When cnt is 9, what is the value of anum after line 04 runs?

When cnt is 7, what is the value of anum after line 10 runs?

What is the value of cnt at line 06?

[Go To Summary](#)[Mark for Review](#)[Mark for Feedback](#)[Tools](#)[Back](#)[Next](#)

Evaluate the following code segment. Line numbers are included for reference only.

```
01 byte value1 = 127;  
02 value1++;  
03 System.out.println(value1);  
04 System.out.println(1.0 / 3.0);  
05 System.out.println(1.0f / 3.0f);
```

Answer the questions by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection.

Answer Area

• • • • •

What is the output of line 03?

-128

What is the output of line 04?

0.3333333333333333

What is the output of line 05?

0.33333334

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Evaluate the following code segment. Line numbers are included for reference only.

```
01 String s1 = "Hello World";  
02 String s2 = "Hello World";  
03 String s3 = s2;  
04  
05
```

For each statement, select **True** or **False**.

Note: You will receive partial credit for each correct selection.

Answer Area

• • • • •

	True	False
s1 and s2 refer to the same object in memory.	<input checked="" type="radio"/>	<input type="radio"/>
s2 and s3 refer to the same object in memory.	<input checked="" type="radio"/>	<input type="radio"/>
A different string can be assigned to s1 on line 04.	<input checked="" type="radio"/>	<input type="radio"/>
A different string can be assigned to s2 on line 05.	<input checked="" type="radio"/>	<input type="radio"/>

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

You are writing a Java console program that accepts command-line arguments.

The program must display each command-line argument on a separate line.

Complete the code by selecting the correct code segment from each drop-down list.

Answer Area

```
public static void main(String[] args) {  
    for (String arg ) {  
        {  
            System.out.println();  
        }  
    }  
}
```

[Go To Summary](#)[Mark for Review](#)[Mark for Feedback](#)[Tools ▾](#)[Back](#)[Next](#)

You need to create an `int` array named `numbers` that is initialized with `num1`, `num2`, and `num3`.

You have the following code:

```
int num1 = 10;  
int num2 = 20;  
int num3 = 30;
```

Complete the code by moving the appropriate code segments from the list on the left to the correct positions on the right. You may use each code segment once, more than once, or not at all.

Code Segments

`{num1, num2, num3}`

`[num1, num2, num3]`

`{num1, num2, num3}`

`int`

`int[]`

`new int`

`new int[]`

Answer Area

`int[]` `numbers` = `new int[]` `{num1, num2, num3}` ;

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Time Remaining 00:13:07

You work as a Java programmer. Your colleague creates the following class. Line numbers are included for reference only.

```
01 public class Rectangle {  
02     private int width;  
03     private int length;  
04  
05     Rectangle(int width, int length) {  
06         this.width = width;  
07         this.length = length;  
08     }  
09  
10     public int area() {  
11         return this.width * this.length;  
12     }  
13  
14     public int getWidth() {  
15         return width;  
16     }  
17  
18     public int getLength() {  
19         return length;  
20     }  
21 }
```

You need to write code to test the `Rectangle` class.

Complete the code by selecting the correct code segment from each drop-down list.

Answer Area

int areaNum;

Rectangle rect = new Rectangle(20, 40);

areaNum = rect.area();

System.out.printf("Width = %d Length = %d\n", rect.getWidth(), rect.getLength());

System.out.printf("Area is correct %b\n", areaNum == 800);

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

What happens when the following code segment runs?

```
double dNum = 2.667;  
int iNum = 0;  
iNum = (int)dNum;
```

- ☐ A iNum has a value of 0.
- ☒ B iNum has a value of 2.
- ☐ C iNum has a value of 3.
- ☐ D An exception is thrown.

The Book.java program includes the following private data members:

- string title;
- string author;
- int year;
- int isbn;

The default constructor assigns empty strings and zeros accordingly, while the overloaded constructor takes arguments in the order listed above.

You need to complete the code to instantiate an empty textbook object for the user to update in a later function.

Complete the code by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection.

Answer Area

```
public static void main(String args[]){  
    Book   =   ;  
}
```

[Go To Summary](#)[Mark for Review](#)[Mark for Feedback](#)[Tools](#)[Back](#)[Next](#)

Question 15 of 40

Evaluate the following code segment. Line numbers are included for reference only.

```
01 public static void main(String[] args) {  
02     double pi = Math.PI; //3.141593  
03     System.out.format("Pi is %.3f%n", pi);  
04     System.out.format("Pi is %.0f%n", pi);  
05     System.out.format("Pi is %09f%n", pi);  
06 }
```

Answer the questions by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection.

Answer Area

• • • • •

What is the output of line 03?

Pi is 3.142

What is the output of line 04?

Pi is 3

What is the output of line 05?

Pi is 0000000003.141593

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 22 of 40

Time Remaining 00:12:32

You are writing a Java method named `countdown`. The method must perform the following tasks:

- Accept an `int` parameter named `start`.
- Display all numbers from `start` to zero in decrements of one.

Complete the code by selecting the correct code segment from each drop-down list.

Answer Area

• • • • •

```
public static void countdown(int start) {  
    for (int i = start,   ) {  
        System.out.println(i);  
    }  
}
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools ▾](#)

[Back](#)

[Next](#)

Question 17 of 40

Time Remaining 00:12:45

Evaluate the following code segment. Line numbers are included for reference only.

```

01 public static void method1() {
02     int x = 1;
03     int y = 1;
04
05     for (int i = 0; i < 10; i++) {
06         x += i;
07     }
08     for (int i = 0; i < 10; i++) {
09         y += i;
10     }
11 }
12
13 public static void method2() {
14     int i = 1;
15     int sum = 0;
16
17     for (int i = 0; i < 10; i++) {
18         sum += i;
19     }
20 }

```

For each statement, select **True** or **False**.

Answer Area

• • • • •

	True	False
The first method causes a compilation error because the variable <i>i</i> is declared in two non-nested blocks.	<input type="radio"/>	<input checked="" type="radio"/>
The second method causes a compilation error because the variable <i>i</i> is declared in two nested blocks.	<input type="radio"/>	<input checked="" type="radio"/>

Question 21 of 40

Time Remaining 00:12:35

You are writing a Java method. The method must perform the following tasks:

- Accept an `int` parameter named `age`.
- Assign the `senior` classification if `age` is 65 or higher.
- Assign the `adult` classification if `age` is 20 or higher, but lower than 65.
- Otherwise, assign the `youth` classification.

Complete the code by selecting the correct code segment from each drop-down list.

Answer Area

```
public static String ageClassification(int age) {  
    String classification;  
    if (age >= 65)   
        classification = "senior";  
    else if (age >= 20)   
        classification = "adult";  
    else   
        classification = "youth";  
    return classification;  
}
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 20 of 40

Time Remaining 00:12:37

Review the following class definition:

```
public class Box
{
    protected short minBoxWidth;
    protected short maxBoxWidth;
}
```

Which class(es) can access the `minBoxWidth` and `maxBoxWidth` data members?

- ☐ A. Only the `Box` class
- ☒ B. Only classes in the same package and classes that inherit the `Box` class.
- ☐ C. Only classes that do not inherit from the `Box` class.
- ☐ D. All classes

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 27 of 40

Time Remaining 00:12:21

You need to determine what happens when the following code runs. Line numbers are included for reference only.

```
01 char data1 = 65;  
02 System.out.println(data1);  
03  
04 long data2 = 65;  
05 System.out.println(data2);  
06  
07 float data3 = new Float("-65.0");  
08 System.out.println(data3);  
09  
10 short data4 = new Short("65.0");  
11 System.out.println(data4);
```

Answer Area

What happens when lines 01 and 02 are run?

The number 65 is displayed

What happens when lines 04 and 05 are run?

The number 65 is displayed

What happens when lines 07 and 08 are run?

An exception is thrown

What happens when lines 10 and 11 are run?

An exception is thrown

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 29 of 40

Time Remaining 00:12:17

Which two code segments show the correct syntax for a multi-line comment? (Choose 2.)

☐ A

```
/** This is a multi-  
    line comment  
/**
```

☒ B

```
/* This is a multi-  
   line comment  
*/
```

☐ C

```
/**/  
    This is a multi-  
    line comment  
*/
```

☐ D

```
/** This is a multi-  
    line comment  
*//
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 30 of 40

Time Remaining 00:12:14

You write the following Java program. Line numbers are included for reference only.

```
01 class Pickle {  
02     boolean isPreserved = false;  
03     private boolean isCreated = false;  
04  
05     void preserve() {  
06         isPreserved = true;  
07     }  
08  
09     public static void main(String[] args)  
10     {  
11         Pickle pickle = new pickle();  
12         isCreated = true;  
13         pickle.preserve;  
14     }  
15 }
```

You encounter error messages when you attempt to compile the program.

You need to ensure that the program compiles successfully.

Correct the code by selecting the correct code segment from each drop-down list.

Answer Area

```
class Pickle {  
    boolean isPreserved = false;  
    private boolean isCreated = false;  
  
    void preserve() {  
        isPreserved = true;  
    }  
  
    public static void main(String[] args)  
    {  
        Pickle pickle = new Pickle();  
        pickle.isCreated = true;  
        pickle.preserve();  
    }  
}
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 32 of 40

Time Remaining 00:12:10

You initialize the following variables:

```
int a = 5;
double b = 3.5;
int c = 33;
float d = 0.5f;
short e = 22;
```

Identify the value of each code segment by moving the appropriate values from the list on the left to the corresponding code segments on the right. You may use each value once, more than once, or not at all.

Note: You will receive partial credit for each correct selection.

Values

0.175	0.5
0.7	4.0
12	22
27	33

Answer Area

• • • • •

a += 4 % 2 + e;

b /= 10 * 2;

c %= e * 2 + 1;

d *= 2 + 6 % 7;

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 33 of 40

Time Remaining 00:12:07

You need to always print every element in the two-dimensional array.
Complete the code by selecting the correct option from the drop-down list.

Answer Area

• • • • •

```
for(int row=0; row < intArray.length; row++)  
  for(int column = 0;   
    System.out.println(intArray[row][column]);
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#) ▾

[Back](#)

[Next](#)

Question 36 of 40

Time Remaining 00:12:00

Review the following class definition:

```
class Logger
{
    public void logError(String message)
    {
    }
}
```

What can invoke the logError method?

- ☒ A. Only code in all classes in the same package as the Logger class.
- ☐ B. Only the Logger class.
- ☐ C. Only the Logger class and classes in the same package that inherit from it.
- ☐ D. All classes in all packages.

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools ▾](#)

[Back](#)

[Next](#)

Question 35 of 40

Time Remaining 00:12:02

You are interviewing for a job as a Java developer. You need to demonstrate your understanding of the `main` method.

For each statement, select **True** or **False**.

Note: You will receive partial credit for each correct selection.

Answer Area

• • • • •

The `main` method parameter `args` is an array of type `String`.

True

False

☒☐

A Java application can accept only one argument from the command line.

☐☒

The `main` method must be static because it is run without instantiating an instance of the class.

☒☐

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#) ▾

[Back](#)

[Next](#)

Question 37 of 40

Time Remaining 00:11:57

Review the following code:

```
public class Logger {  
    public static void main(String[] args)  
    {  
        int[][] arr = { { 9, 15 }, { 18, 20, 40 } };  
        for (int i = 2; i >= 0; i--) {  
            for (int j = 2; j >= 0; j--) {  
                System.out.print(arr[i][j] + " ");  
            }  
        }  
    }  
}
```

What is the output when you run the program?

- ☐ A. 20 18 15 9
- ☐ B. 40 15 20 9 18
- ☒ C. ArrayIndexOutOfBoundsException Exception
- ☐ D. Compilation error

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 39 of 40

Time Remaining 00:11:53

Complete the sentences about working with branching statements in Java by selecting the correct option from each drop-down list.
Note: You will receive partial credit for each correct selection.

Answer Area

• • • • •

To terminate the inner loop of a nested for loop, use a statement.

To terminate the outer loop of a nested for loop, use a statement.

To jump to the next iteration of an inner loop in a nested loop, use a statement.

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Question 38 of 40

Time Remaining 00:11:55

You are interviewing for a job. The hiring manager asks you to create a simple console program. The program must perform the following tasks:

- Accept multiple arguments from the command line
- Write the arguments to the screen in the same order the user enters them on the command line.

Which three code segments should you use in sequence to develop the solution? Move the three code segments to the answer area and place them in the correct order.

Code Segments

```
for (int i = 1; i <= Integer.parseInt(args[0]); i++) {  
public static void main(String arguments) {  
for (int i = 0; i < args.length; i++) {  
for (int i = 0; i < arguments.length; i++) {  
    System.out.println(args[i]);  
}  
    System.out.println(arguments[i]);  
}  
public static void main(String[] args) {
```

Answer Area

[Go To Summary](#) [Mark for Review](#) [Mark for Feedback](#) [Tools](#)

[Back](#)

[Next](#)

Question 40 of 40

Time Remaining 00:11:51

You are creating a class named `Phone` that must meet the following requirements:

- Include a method named `dialNumber` that cannot be overridden by derived classes.
- Only classes in the same package as the `Phone` class can call the `dialNumber` method.

Complete the code by selecting the correct option from each drop-down list.

Note: You will receive partial credit for each correct selection.

Answer Area

.....

```
class Phone {  
      void dialNumber(String phoneNumber) {  
    }  
}
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools ▾](#)

[Back](#)

[Next](#)

Question 1 of 40

Time Remaining

You are creating a Java class to implement an Integer stack based on an ArrayList.

You need to implement the following two methods:

- The pop method removes an Integer from the beginning of the ArrayList and returns the removed Integer.
- The push method adds an Integer to the beginning of the ArrayList.

Complete the code by selecting the correct code segment from each drop-down list.

Note: You will receive partial credit for each correct selection.

Answer Area

```
public static Integer pop(ArrayList<Integer> stack) {  
    int index = 0;  
    return stack.remove(index);  
}  
public static void push(ArrayList<Integer> stack, Integer item) {  
    int index = 0;  
    stack.add(index, item);  
}
```

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)

Evaluate the following Java program. Line numbers are included for reference only.

```
01 public static void main(String[] args)
02 {
03     int x = 5;
04     int y = 7;
05     String value1 = "x + y = " + x + y;
06     System.out.println(value1);
07     String value2 = "x + y = " + (x + y);
08     System.out.println(value2);
09 }
```

Answer the questions by selecting the correct option from each drop-down list.

Answer Area

What is the output of line 06?

x + y = 57

What is the output of line 08?

x + y = 12

[Go To Summary](#)

[Mark for Review](#)

[Mark for Feedback](#)

[Tools](#)

[Back](#)

[Next](#)