



Started on

Tuesday, 11 February 2025, 6:58 PM

State

Finished

Completed on

Tuesday, 11 February 2025, 6:59 PM

Time taken

45 secs

Marks

8.00/8.00

Grade

100.00 out of 100.00

Feedback

Congratulations!! You have passed by securing more than 80%

Question 1

1.00/1.00

Which of the following options remain true for case constants in a switch construct?

Select one:

- ☐ a. The code with the switch construct gives a compilation error when there is a duplicate case label
- ☐ b. If no case matches and there is no default label, then no further action is taken and the switch statement completes abnormally
- ☒ c. If any one of the case constants has a match with the expression, then all statements after the matching case label in the switch block are executed in sequence ✓
- ☐ d. If no case matches and there is no default label, then it will result in a compilation error
- ☐ e. If no case matches but there is a default label, then all statements after the matching default label in the switch block are executed in sequence.

Your answer is correct.

The correct answers are: If no case matches but there is a default label, then all statements after the matching default label in the switch block are executed in sequence. , The code with the switch construct gives a compilation error when there is a duplicate case label , If any one of the case constants has a match with the expression, then all statements after the matching case label in the switch block are executed in sequence

Question 2

1.00/1.00

What will be the output of the program?

```
public class Sample
{
    public static void main(String[] args)
    {
        int i = 10;
        do
        while (i < 10) {
            System.out.print("The value of i is " + i);
        }
        while (i > 10);
    }
}
```



```
while (i < 10);
```

```
}
```

```
}
```

Select one:

- ☒ a. No output is produced. ✓
- ☐ b. Compilation error
- ☐ c. The value of i is 10
- ☐ d. The value of i is 10 The value of i is 10

Your answer is correct.

The statement for the do..while block is - while(i<10) then print value of i. As condition is false, this statement doesn't get executed. Also while condition for the do..while loop is i > 10. This also results in false. So it comes out of the loop.

The correct answer is: No output is produced.

Question 3

1.00/1.00

State True or False

For compiling a java code we have separate compilers for different OS.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.

Question 4

1.00/1.00

_____ generates the byte code for a given file with .java extension.

Select one:

- ☐ a. JVM
- ☒ b. JDK ✓
- ☐ c. JRE

Your answer is correct.

The correct answer is: JDK



Question 5

1.00/1.00

Who executes the byte code in java?

Select one:

- ☐ a. OS
- ☒ b. JVM ✓
- ☐ c. JDK
- ☐ d. JRE

Your answer is correct.

The correct answer is: JVM

Question 6

1.00/1.00

Which edition of java is used for developing web application?

Select one:

- ☐ a. J2ME
- ☒ b. J2EE ✓
- ☐ c. J2SE
- ☐ d. All these options

Your answer is correct.

The correct answer is: J2EE

Question 7

1.00/1.00

Predict the output

```
int a=0;
if(a)
    System.out.println( "Hello");
else
    System.out.println( "Hai");
```

Select one:



48%



Select one:

- ☐ a. Hello
- ☒ b. Compilation Fails ✓
- ☐ c. Need to include the braces { } for the code to work
- ☐ d. Hai

Your answer is correct.

The correct answer is: Compilation Fails

Question 8

1.00/1.00

State True or False

For compiling a java code we have separate compilers for different OS.

Select one:

- ☐ True
- ☒ False ✓

The correct answer is 'False'.