

Operators and Loops

Assignment Questions

1->What are the conditional operators in java?

The operator is applied between two boolean expressions .

2->What are the types of operators on the numbers of operators?

There are three types of operators on the numbers of operators .

a> Arithmetic operators

b>Relational operators

c> Logical operators

3->What is the use of switch cases in java programming ?

In java switch statements execute one statement from multi conditions.

4->What are the priority levels of arithmetic operation in java ?

In java the priority levels of arithmetic operation is right to left .

It stands for Parentheses ,Exponents ,Multiplication/Division ,Addition/ Subtraction.

5->What are the conditional statements and use of conditional statements in java?

In conditional statement tells a program to execute an action depending on whether a condition is true or false .

6->What is the syntax of if else statement?

If condition return true then statement inside the body 'if' are executed and the statement inside body 'else' are skipped .

7->What are the 3 type of iterative statements in java?

a>while loop

b>for loop

c>do while loop

8->Write the difference between for loop and do-while loop?

do- while loop , execute the statement in the loop first before check the condition .

At least one iteration take place ,even if condition is false.

9->Write a program to print number for 1 to 10 ?

The screenshot shows a web-based IDE interface with a browser window at the top displaying the URL `brown-electrician-yyowu.pwskills.app/?folder=/config/workspace`. The IDE has a dark theme and includes a sidebar on the left with an Explorer view showing a workspace with files like `loop.java` and `loop.class`. The main editor area displays a Java file named `loop.java` with the following code:

```
1 public class loop
2 {
3     public static void main(String [] args)
4     {
5         for(int i=0;i<=10;i++)
6         {
7             System.out.println(i);
8         }
9     }
10 }
```

Below the editor, there is a terminal window showing the command `cd "/config/workspace/" && javac loop.java && java loop` and its output, which lists numbers from 0 to 10. The status bar at the bottom indicates the current position is `Ln 3, Col 31` and the file encoding is `UTF-8`.