

# Operators and Loops Assignment Questions

## Assignment Questions

1. What are the Conditional Operators in Java?

Ans if and else, and if else is conditional operators in java.

2. What are the types of operators based on the number of operators?

Ans. arithmetic operators, relational operators, logical operators, assignment operators,

3. What is the use of the Switch case in Java programming?

Ans The switch case in java is used to select one of many code block for execution. Break keyword as java reaches a break keyword the control breaks out of the switch block. The execution of code stops encountering this keyword.

4. What are the priority levels of arithmetic operations in Java?

Ans. It stands for Parentheses, Exponents, multiplication division, addition, and subtraction.

5. What are the conditions Statements and use of conditional statements in Java?

Ans. Java has the following conditional statements; use if to specify a block of code to be executed, if a specified condition is true.

Use else to specify a block of code to be executed if the same condition is false.

Use else if to specify a new condition to test if the condition is false.

6. What is the syntax of if-else Statements?

Ans Use if to specify a block of code to be executed , if a specified condition is true.

Use else to specify a block of code to be executed if the same condition is false.

Use else if to specify a new condition to block of code to be executed.

7. What are the 3 types of iterative Statements in java?

Ans. First is while' loop

2<sup>nd</sup> is do while' loop

3<sup>rd</sup> 'for' loop

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

Ans. For loop provides a concise way of writing the loop structure. Unlike a while loop a for statement consumes the intization, condition and increment in one line thereby providing a shorter essay to debug structure of looping..

Key different and similarities between while and do while loop. While loop is an entry controlled loop whereas do loop is an exit controlled loop

9. Write a program to print numbers from 1 to 10.?

Ans class number {

Public static void main(string[] args){

int a=1;

int b=2;

int c=3;

int d=4;

int e=5;

int f=6;

int g=7;

int h=8;

int i=9;

int j=10;

int result =(a,b,c,d,e,f,g,h,i,j)

System.out.println(result)

}

}

NotM:- Please create a Google Document and write your answers and upload the shareable link of the Google Document with view access during the submission of the assignmentP

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