

Day- 8 Assignment Question

Question 1. What are the conditional operators in java?

Answer – In java, conditional operators check the condition and decides the desired result on the basis of both conditions.

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

Answer – There are three types of the conditional operator in java:

Conditional AND

Conditional OR

Ternary Operator

Question 3. What is the use of switch case in java programming?

Answer – It is use to provides an easy way to dispatch execution to different parts of code based on the value of the expression.

Question 4. What are the priority levels of arithmetic operation in java?

Answer –

Parenthesis

Postfix

Prefix

Multiplicative

Additive

Relational

Logical

Question 5: What are the conditional statements and use of conditional statements in java?

Answer – Conditional statement in java is

if statement

if-else statement

if-else-if statement

nested if statement

switch case

Use of conditional statement

It is use for checking the condition if condition is true then it executes a statement

Example

```
if(marks > 33){  
    System.out.print("PASS");  
}
```

In this if marks is greater than 33 then it print the statement "PASS"

Question 6. What is the syntax of if else statement?

Answer – Syntax

```
if(condition) {  
    Statement – 1  
} else {  
    Statement – 2  
}
```

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

Answer – 1. while loop

Syntax:

```
while(condition) {  
    //statement;  
}
```

2.do- while loop

Syntax:

```
do {  
    //statement;  
} while(condition);
```

3.for loop

Syntax:

```
for (initialize; check condition; update) {  
    //statement;  
}
```

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

Answer –

For loop – Statement(s) is executed once the condition is checked.

Do – While loop – Condition is checked after the statement(s) is executed.

For loop – It might be that statement(s) gets executed zero times.

Do-While loop – Statement(s) is executed at least once.