**ASSIGNMENT ON OPERATORS AND LOOPS**

**1. What are the Conditional Operators in Java?**

**Ans:** The operator is applied between two Boolean expressions.

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

**Ans:** There are two types of mathematical operators: unary and binary. Unary operators perform an action with a single operand. Binary operators perform actions with two operands.

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

**Ans:** The switch case in java is used to selectone of many code blocks for execution.

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

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

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

**Ans:** A conditional statement tells a program to execute an action depending on whether a condition is true or false. It is often represented as an if-then or if-then-else statement.

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

**Ans:**  if (condition 1){

// operation//

}else{condition 2 ){

//operation//

}

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

**Ans:** ‘while’ loop

‘ do while’ loop

‘ for ‘ loop

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

**Ans:** for loop is entry controlled loop. do-while is exit controlled loop.

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

**Ans**: public class Main{

public static void main(String[] args) {

for(int i= 1; i<=10; i++){

System.out.println(i);

}

}

}