

Classroom <3> Demonstrating Control Statements

Learning Objective:

To understand the mod operator, conditional statement and logic to solve

Expected Completion Time:

Best Case: 15 minutes

Average Case: 20 minutes

Assignment Details:

Create a class named FindOddNumbers with integer variable as maxRange with value 10

-Write a logic to print the odd numbers from 1 to 10.

Requirements:

Create a java class named FindOddNumbers

- Declare a with integer variable as maxRange with value 10
- Use for loop to iterate
- Divide the value and check the remainder is equal to 1 using if condition

Hints to Solve:

1. Initialize the for loop from 1 and condition with \leq maxRange
2. Divide the number by 2 and if the remainder is 1 \rightarrow the number is odd.
3. Use mod (%) operator to find reminder

Expected Outcome:

By completing this assignment, you should be clear on

1. How to setup for loop
2. How to use conditional statement to compare values
3. How to arrive logical solution for a problem