

Assignment questions on Conditional Statements

1. Write a Java program to determine whether given number is an odd or even using conditional statements.
2. Write a Java program to check if the student is eligible for Voting.
3. Write a Java program to find the Grade of a student based on the marks scored in the exam.
4. Write a Java program to estimate the Tax rates based on the Income.

Tax rates are as follows:

Income (in Dollars)	Tax Rate(%)
0 - 9,999	0
10,000 -19,999	10
20,000-49,999	20
50,000 or more	30

5. Write a Java program that prompts the user to enter a number between 1 and 7 (inclusive), and then outputs the corresponding day of the week using conditional statements (1 = Sunday, 2 = Monday, etc.).
6. Write a Java program which outputs a message based on the following conditions:

If the person is female and under 18, output "You are a girl".

If the person is male and under 18, output "You are a boy".

If the person is female and 18 or over, output "You are a woman".

If the person is male and 18 or over, output "You are a man".

7. Write a Java program that prompts the user to enter two integers, and then outputs the result of their sum or difference based on the following conditions:

If both integers are odd, output their sum.

If both integers are even, output their difference.

If one integer is odd and the other is even, output their product.

8. Write a Java program to find whether given is positive, negative, or zero using conditional statements.

9. Write a Java program to check if the given year is a palindrome or NOT.

10. Write a Java program that takes 2 integers as input and then outputs the result of their sum or difference based on the following conditions:

If both integers are odd, output their sum.

If both integers are even, output their difference.

If one integer is odd and the other is even, output their product.