



Assignment – 2 - if

Mastering Java Basics - Youtube Series

1. Write a program that accepts a number and displays whether entered number is an odd number or even number.
2. Write a program that accepts a number and displays the absolute value of that number.
3. Write a program that accepts 3 numbers and then displays the largest number.
4. Write a program that accepts a number and display whether the number is positive, negative, or zero.
5. Write a program that accepts three integers as angles and check whether a triangle is valid or not.
[Valid Triangle: A triangle is valid if the sum of all the three angles is equal to 180 degrees.]
6. Write a program that accepts product price and quantity and then calculate the revenue. If the revenue is more than 5000 a discount is 10% offered. Program should display the discount and net revenue.
[Discount and Revenue: Revenue can be calculated as the selling price of the product times the quantity sold, i.e. revenue = price × quantity.]
7. Write a program to accept a number as year of calender and print whether the year is a leap year or not.
[Leap Years are any year that can be evenly divided by 4. A year that is evenly divisible by 100 is a leap year only if it is also evenly divisible by 400.]
8. Write a program to accept a character and print whether it is upper case, lower case, digit or a special character.

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https://www.youtube.com/playlist?list=PLzrb6iZd6X9Kia8eiW_jj4u8ljF93FMMB