

Basic If Else Assignment 0

Program 1: Write a java program to check if a number is even or odd.

Input: var=10;

Output: 10 is an even no

Input: var=37;

Output: 37 is an odd no

Input : var = 0

Output: ???

Program 2: Write a java program, take a number, and print whether it is less than 10 or greater than 10.

Input1: var=5

Output: 5 Is Less than 10.

Input2: var=16

Output: 16 Is greater than 10.

Input3 : var=10

Output: ??

Program 3: Write a java program, take a number, and print whether it is positive or negative.

Input: num = 5

Output: 5 is a positive number

Input: num = -9

Output: -9 is a negative number

Input: num = 0

Output: ???????

Program 4: Write a java program that checks a number from 0 to 5 and prints its spelling, if the number is greater than 5 print the number is greater than 5

Input1 : var= 4

Output: four

Input2 : var = 6

Output: number is greater than 5

Input3 : var = -6

Output: ???

Program 5: Write a java program, in which according to month no print the no. of days in that month

Input : month = 7

Output: July has 31 days

Input : month = 13

Output: Invalid month

Input : month = -6

Output: ???

Program 6: write a program to find a maximum between three numbers

inputs1 :

num1 = 1

num2 = 2

num3 = 3

Output: 3 is the maximum between 1, 2 and 3

inputs2 :

num1 = 1

num2 = 4

num3 = 3

Output: 4 is the maximum between 1, 4 and 3

inputs3 :

num1 = 42

num2 = 32

num3 = 42

Output: ?????

Program 7: Calculate profit or loss.

Write a program that takes the cost price and selling price (take it hardcoded) and calculates its profit or loss

input1:

sellingPrice = 1200

costPrice = 1000

Output: profit of 200

input2:

sellingPrice = 300

costPrice = 500

Output: loss of 200

input3:

sellingPrice = 900

costPrice = 900

Output: ???

Program 8: Write a program to check day number(1-7) and print the corresponding day of week

Input1 : 1

Output: Monday

Input2: 6

Output: Saturday

Input3: 8

Output: ????????

Program 9: Write a program in java to accept three numbers and check whether they are Pythagorean triplets or not

example (what is a Pythagorean triplet):

a=3,b=4,c=5

if

$a^2 + b^2 = c^2$

then

its pythagorean triplet

else

not a Pythagorean triplet

input1:

a=3,b=4,c=5

Output: it is a Pythagorean triplet

input2:

a=1, b=6,c=9

Output: It is not a Pythagorean triplet

input3:

a=2, b=2,c=2

Output: ?????

Program 10: Write a unique real-time example of If Elself Else Ladder