

Java & DSA - ASSIGNMENT - DAY 2

Please practice the following activities

1. Write a method which takes promoCode and amount as input and returns the amount to pay. Different promoCodes can have different discounts. You can try with at least three such codes.
2. Write a method which takes source, destination, distance and type of cab as input, duration of trip and returns the fare to be paid. Your method should use combination of if/else statements internally
3. Given a non-negative int n, return the count of the occurrences of 7 as a digit, so for example 717 yields 2. (no loops). Note that mod (%) by 10 yields the rightmost digit (126 % 10 is 6), while divide (/) by 10 removes the rightmost digit (126 / 10 is 12).

Example:

count7(717) → 2

count7(7) → 1

count7(123) → 0

4. You are given a list of player names separated by a comma as a single string.
 - a. Separate the names
 - b. print middle name of all the players, if there is no middle name then print "NULL"

Example input:

"Sarah Jane Taylor, Jhulan Nishit Goswami, Katherine Helen Brunt,
Meghann Lanning, Mithali Dorai Raj"

Expected output:

Jane

Nishit

Helen

NULL

Dorai