

Computer Programming

Assignment 01

Deadline: September 10, 2018 (Submit in class) Handwritten

Develop the Algorithm, Flowchart and Pseudocode for the following:

1. Calculate the percentage you got in course Programming Fundamentals. Marks breakup is as follows Mid1 – 15, Mid2 – 15, Assignment – 10, Quiz – 10, Final – 50. If sum of obtained marks are more than 50 print PASS otherwise FAIL.
2. Solve the equation $a^2 - b^2 = (a-b)(a+b)$. Take input values from user for a and b considering that number should be non-negative.
3. You are in a grocery store, have PRK.1000 amount of money. You bought the Fruits of 320, Vegetables of 285, Bakery Items of 187. Calculate and list the percentages (%) of money you spend on each item you purchased.
4. Take length as an input from user in CM and convert it in Meters and print. Input number should not be -ve. Also before the program terminates ask the user do you want to re-recalculate or re-run.
5. Take temperature input from the user in Fahrenheit(F) and convert it into the Centigrade(C). Before the program terminates ask the user do you want to re-recalculate or re-run.