

P r o g r a m m i n g F u n d a m e n t a l

Lab 02**Marks 00****Instructions**

Work on this lab individually.

You can use your books, notes, handouts etc. but you are not allowed to borrow anything from your peer student.

Objectives

Today's lab will help you to refresh your problem solving skills in pseudo code.

Submission

Not Required.

What you have to do

Solve the following tasks in pseudo code.

Task 1**[00]**

A bank charges \$10 per month plus the following check fees for a commercial checking account:

\$.10 each for fewer than 20 checks

\$.08 each for 20–39 checks

\$.06 each for 40–59 checks

\$.04 each for 60 or more checks

The bank also charges an extra \$15 if the balance of the account falls below \$400 (before any check fees are applied). Write a program that asks for the beginning balance and the number of checks written. Compute and display the bank's service fees for the month.

Task 2**[00]**

Write a program that asks for the names of three runners and the time it took each of them to finish a race. The program should display who came in first, second, and third place.

Task 3**[00]**

Take **n** numbers from the user and determine that how many positive and negative integers were entered by the user.

Task 4**[00]**

Take a positive integer **n** from the user. Display all the divisors of **n**.

Task 5**[00]**

Take **n** numbers from the user and determine their average.

😊😊😊 **BEST OF LUCK** 😊😊😊
