(CL-1002) Programming Fundamentals Lab

Spring 2022

NUCES-FAST Peshawar Campus

Assignment # 01

- The due date for this homework is **April 21ˢᵗ, 2022**
- There is **30%** penalty for late submission.
- Copied assignments will be awarded **zero** marks without any investigation.
- All submissions should be made on Google Class Room.
- Upload only a PDF and MS word file including all tasks source code and its output (screen shot).
- You have to copy the source code in your word file. Don't take the screen shot of source code.
- Proper Comments your Code otherwise marks will be deducted.

Question # 01 Lap Times

Write a program that asks the user to enter the number of times that they have run around a racetrack, and then uses a loop to prompt them to enter the lap time for each of their laps. When the loop finishes, the program should display the time of their fastest lap, the time of their slowest lap,and their average lap time

Question # 02 Average Rainfall

Write a program that uses nested loops to collect data and calculate the average rainfall over a period of years. The program should first ask for the number of years. The outer loop will iterate once for each year. The inner loop will iterate twelve times, once for each month. Each iteration of the inner loop will ask the user for the inches of rainfall for that month. After all iterations, the program should display the number of months, the total inches of rainfall, and the average rainfall per month for the entire period.

Good Luck!