Course Name: Fundamentals of Programming & Data Science	**Course Code:** CMPE-112L
Assignment Type: Lab Quiz	**Dated:** 4th March 2024
Semester: 2nd	**Session:** 2023
Lab/Project/Assignment #: Quiz 1	**CLOs to be covered: CLO 1, CLO2**
Lab Title: Mid Term Evaluation	**Teacher Name:** Engr. Afeef Obaid
Total Marks: 20 Marks	**Time allowed: 60 Minutes**

Mid Term Evaluation

CLO 1	• Apply appropriate programming techniques to create executable programs to solve well defined problems
CLO 2	• Practice collaboratively on large problems and provide their working solutions

Rubrics for Current Lab Evaluation

Scale	Marks	Level	Rubric
Excellent	**17-20**	L1	Both lab tasks working properly with bonus task.
Very Good	**13-16**	L2	Submitted both lab tasks and both working properly.
Good	**9-12**	L3	Submitted both lab tasks but one is working properly.
Basic	**5-8**	L4	Submitted both lab tasks but have some errors.
Barely Acceptable	**1-4**	L5	Submitted only one lab task but have some errors
Not Acceptable	**0**	L6	Did not attempt

TASK # 1 (CLO 1)

Create a program that simulates a bank's transaction system. Use dictionaries to store account information (account number, balance, account holder name and CNIC) and implement methods for create_account, deposit_money, withdrawal_money, transfer_money between accounts and display_all_accounts.

TASK # 2 (CLO 2)

Calculating and providing information on the number of notes or coins of Rs.1, Rs.2, Rs.5, Rs.10, Rs.20, Rs.50, Rs.100, Rs.500, Rs.1000, and Rs.5000 that need to be returned when user withdraw money.

Bonus Task: Insert Doc Strings and comments in your provided code.