TASK 2

1. STUDENT GRADE EVALUATOR

Background

Imagine you're a teacher who just finished grading your students' exams. You want a small program that automatically tells whether each student has **passed** or **failed**, and also assigns them a grade (A, B, C, D, or F).

Steps

a. Create a **list of student scores** (e.g., [85, 72, 90, 55, 40]).

b. Write a function grade_student(score) that:

   i. Prints "A" if score ≥ 80

   ii. Prints "B" if 70–79

   iii. Prints "C" if 60–69

   iv. Prints "D" if 50–59

   v. Prints "F" if < 50

c. Use a **loop** to go through all student scores and call the function for each one.

d. Print results in this format: "Student 1: Score = 85, Grade = A"

2. ATM SIMULATOR

Background

You are building a **mini-ATM system**. When someone inserts their card, they can check their balance, deposit, or withdraw money.

Steps

a. Start with a variable balance = 1000.

b. Show the user these options:

   i. 1 → Check Balance

   ii. 2 → Deposit Money

   iii. 3 → Withdraw Money

   iv. 4 → Exit

c. Use a **while loop** so the program keeps running until the user chooses Exit.

d. Use **if-elif-else** to perform each action.

   i. If they choose deposit → add money.

   ii. If they choose withdraw → subtract, but only if enough balance exists.

   iii. If they choose check → print current balance.

e. Wrap the ATM logic inside a function atm_machine()

NOTES

a. Use a Jupyter Notebook to solve these questions.

a. Ensure your code is readable and simple. Use markdown and comments where necessary.

a. Ensure your code is free of errors.

GOOD LUCK!