Python_Activity6

Activity 1: Grading System with Bonus Calculation

Problem Statement:

Write a Python program that asks the user for a **score (0-100)** and determines the grade based on the following criteria:

- **90 - 100:** Grade A
- **80 - 89:** Grade B
- **70 - 79:** Grade C
- **60 - 69:** Grade D
- **Below 60:** Grade F

Additionally, if the grade is **A or B**, check if the student has **perfect attendance** (Yes/No).

- If yes, add **5 bonus points** to their score and re-evaluate the grade.

Activity 2: ATM Withdrawal with Balance Check

Problem Statement:

Write a Python program that simulates an **ATM withdrawal system**. The user will input:

- **Current account balance**
- **Amount to withdraw**

The program should check the following conditions:

1. If the withdrawal amount is **greater than the balance**, display **"Insufficient Funds!"**
2. If the withdrawal amount is **less than or equal to the balance**, deduct it and display the **new balance**.
3. If the balance falls below **100** after withdrawal, display a **warning message** about a low balance.

Activity 3: Employee Salary Bonus Calculator

Problem Statement:

Write a Python program that calculates an **employee’ s salary bonus** based on **years of service** and **monthly salary**.

- If the employee has **more than 10 years of service**, they get a **10% bonus**.
- If they have **between 5-10 years**, they get a **5% bonus**.
- If they have **less than 5 years**, they get **no bonus**.

The program should output:

- **Original Salary**
- **Bonus Amount**
- **Final Salary after Bonus**