# **Python Task: Conditional Statements & Loops**

## Task Description

You will create a simple program to manage a small **student grade system**.

## ★ Steps:

### **1** Grading System (Conditionals):

- Create a variable score and assign an integer value between **0** and **100**.
- Write an if-elif-else block to print the **grade** according to this scale:

o 90 - 100 : Grade A

o 80 - 89 : Grade B

o 70 - 79 : Grade C

o 60 - 69 : Grade D

o 0 - 59 : Grade F

o For any value not in 0-100, print "Invalid score".

#### Loop through a List of Students (For Loop):

- Create a list students\_scores that contains 5 student scores (integers).
- Use a for loop to:
  - Print each student's score.
  - Print each student's corresponding grade (use the same grading logic as above).

#### While Loop for User Input:

- Use a while loop to repeatedly ask the user to enter a score.
- For each entered score:
  - Print the corresponding grade.
  - o The loop should stop when the user types "exit".

## Bonus Task — Use break and continue:

- Inside the while loop:
  - If the user enters a **negative number**, print "Negative score not allowed" and use continue to skip the rest of the loop.
  - $\circ$  If the user enters "exit", use break to stop the loop.