

Course Code: CSE 2204  
Course Title: Numerical methods Lab  
Session: Summer 25(1<sup>st</sup> Assessment)

1. **Find the smallest number** in a list using a loop.
2. **Reverse a string** using a loop.
3. **Check Positive or Negative**  
Take a number as input and check if it is positive, negative, or zero.
4. **Check Uppercase or Lowercase**  
Take a character input and check if it is uppercase or lowercase.
5. Write a Python program to calculate a student's grade based on their marks.

The program should:

Take the student's marks (0–100) as input.

Use conditional statements to determine the grade according to the following rules:

- a. **90–100:** Grade A
- b. **80–89:** Grade B
- c. **70–79:** Grade C
- d. **60–69:** Grade D
- e. **Below 60:** Grade F

Print the grade.