

**Course Code: SE233**

**Course Title: Operating System & System Program Lab**

**Shell Scripting Problem**

1. Write a script that calculates the sum of numbers from 1 to a user-defined limit using a **for** loop.
2. Write a script that takes an **array of numbers** as input from the user and calculates the average of those numbers.
3. Write a script that takes an **array of floating-point** numbers as input **from the user** and calculates the **average with precision**.
4. Write a script that takes a positive integer as input from the user and uses a **while** loop to print all numbers from 1 to that integer, skipping the even numbers.
5. Write a script that defines a **function** to greet the user by printing a personalized message. The script should take the user's name as input and use the function to greet the user.