	SR UNIVERSITY
	Campus Warangal
	Program: II - B.Tech (CS& AI)
	Professor(a): Dr. Venkataramana Veeramsetty, Professor
	Department: Computer Science and AI **Semester:** I
	AI Assisted Coding - Lab Test 1 - Set A

Instructions:

1- Use AI Tools like VScode+Github Copilot and Cursor AI for code generation

2- This Assignment will be evaluated for 15 Marks (10 Marks for Tasks and 5 Marks for viva based on regular lab activities)

3- Students need to submit assignment through canvas before due date

4- Students who are absent for lab will receive 0 Marks

1. Write a Python code to calculate the sum of odd and even numbers in a given list using GitHub Copilot along with VS Code. Use zero shot prompting

2. Write a Python code for given a list of integers, remove duplicates and print the sorted result. GitHub Copilot along with VS Code. Use one shot prompting.

3. Write a Python function that converts the temperature between Celsius, Fahrenheit, and Kelvin based on user choice. Use the Cursor AI tool. Use few shot prompting.

4. Write a Python function to remove punctuation, convert to lowercase, and remove stop words from a given text. Use the Cursor AI tool. Use zero shot prompting.

Date: 2025-08-14