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| **SCHOOL OF COMPUTER SCIENCE AND ARTIFICIAL INTELLIGENCE** | | | | | **DEPARTMENT OF COMPUTER SCIENCE ENGINEERING** | | | | |
| **ProgramName:**B. Tech | | | | **SET-C** | | | **AcademicYear:**2025-2026 | | |
| **Roll No.** | | | |  | | | | | |
| **Instructor(s)Name** | | | | 1. Dr. Venkataramana 2. Dr. Ch. Sridhar 3. Mr. Kundan Kumar | | | | | |
| **CourseCode** | | | 24CS002PC215 | **CourseTitle** | | AI Assisted Coding | | | |
| **Year/Sem** | | | II/I | **Regulation** | | R24 | | | |
| **Date and Day**  **of Assignment** | | | 22.08.2025 | **Time(s)** | | 01.00PM To 03.00PM | | | |
| **Duration** | | | 2 Hours | **Applicableto**  **Batches** | | 24BTCAIAIB09, 24BTCAIAIB10 | | | |
| **Lab Test :1**(Present test number)/**4**(Total number of tests) | | | | | | | | | |
|  | | | | | | | | | |
|  | **Q.No.** | **Question** | | | | | | ***ExpectedTime***  ***to complete*** |  |
|  | 1 | **Task Description#1**   * Write python program for a **SRU\_Student class** with attributes like Name, Roll No, and Department. And, add a method **Student\_Data** that helps to store details of student as a text document. Use VS Code with GitHub Copilot   **Expected Output#1**   * **SRU\_Student class initialization** * **Student\_Data** * **Text Document having student data**   **Prompt : #Develop a python program for SRU\_Student class with the properties like Name , Roll NO and Department , make a Student\_Data which stores as txt**    **Code and output**    **Saved txt**    **Explanation : I have given a prompt to VS Code github to create a class which is SRU\_Student it has a properties like Name , Roll no and department so after entering them I also add in prompt that to store the data entered data in Student\_Data.txt file**  **Task Description#2**     * Write a python function to return sum of even and odd numbers from the given list   **Expected Output#2**   * Function * Output execution   Prompt : *#Develop a python program to find the sum of even and odd numbers from user input*      **Explanation: in this code I have used Cursor AI in this I have given prompt to develop a python to find the sum of even and odd numbers from user input which is a list. Now after executing the we have to enter the number in list then it prints sum of even and odd numbers.**  **Note: Report should be submitted a word document for all tasks in a single document with prompts, comments & code explanation, and output screenshots**  **Evaluation Criteria:**   | **Criteria** | **Max Marks** | | --- | --- | | Factorial Function (Task#1) | 5 | | Sorting Function (Task#2) | 5 | | Viva | 5 | | **Total** | **15 Marks** | | | | | | | 22.08.2025 03.00PM |  |