Bahria University,

Karachi Campus

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COURSE: CEN-409 ARTIFICIAL INTELLIGENCE

AND MACHINE LEARNING

TERM: FALL 2023, CLASS: BCE- 7A

Submitted By:

**DANIA SAMI**  **02-132202-025**

(Name) (Reg. No.)

Submitted To: **Engr. Qasim Hassan**

Signed Remarks: Score:

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LAB ASSIGMENT: 04

LIST OF TASKS

|  |  |
| --- | --- |
| TASK NO | OBJECTIVE |
| 1 | Write a Python program to sort Counter by value. |
| 2 | Write a Python program to store dictionary data in a JSON file. |
| 3 | Write a Python program to remove a specified dictionary from a given list. |
| 4 | Write a program (using functions!) that asks the user for a long string containing multiple words. Print back to the user the same string, except with the words in backwards order. |
| 5 | Write a recursive function to compute Ntn Fibonacci number. Test and trace for N = 6 is 8. We remember that a Fibonacci number can be recursively defined as:  , where . |
| 6 | Implement BFS & DFS in python as describes in the class. |

Submitted On:

11 /10/2023

(Date: DD/MM/YY)

**TASK NO 01:**

**RETORT:**

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**TASK NO 02:**

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**TASK NO 03:**

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**TASK NO 04:**

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**TASK NO 05:**

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**TASK NO 06:**

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