**Cyber Security Center**

**Logic Development Program**

**C# Collections**

***(Write Code and Snap Shot of output)***

| SL | Questions |
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| 1. | What is 1D Array?  Take user input 11-19 and keep in 1D array and print the data using while loop. |
| 2. | What is 2D Array?  Take user input 19-29 and keep in 2D array and print the data using for loop. |
| 3. | What is List?  Take user input 15-25 and keep in List and print the data using foreach loop. Then remove the last 2 items of the list. |
| 4. | What is Dictionary?  Take user input (10 Fruits names) and keep in Dictionary and print the data using foreach loop. Then remove the last 3 items of the Dictionary.  Then print again. |
| 5. | What is Stack?  Take user input (10 Animal names) and keep in Stack and print the data using foreach loop. Then remove the last 3 items of the Stack.  Then print again. |
| 6. | What is Queue?  Take user input (10 Vegetable names) and keep in Queue and print the data using foreach loop. Then remove the last 6 items of the Stack.  Then print again. |
| 7. | **What is LinkList?**  **We didn’t discuss about it in our sessions.**  **You have to self-learn (** https://dotnetcademy.net/Learn/2047/Pages/25 **)**  **Task:**  **Take user input (12 Month names) and keep in LinkList and print the data using foreach loop.**  **Then remove the last 6 items of the LinkList.**  **Then print again.** |