Practice Question for C#.NET

1. Write a c# program to the following details from and calculate the total amount.

```
a.  Read Product Name, Unit Price, Quantity, CustomerPlan
b.  Find out the total amount based Unit Price and Quantity
c.  Apply the discount on total amount based on CustomerPlan
          - Diamond ---  15%
          - Gold   ---  10%
          - Siver  ---   5%
```

2. Customer Feedback Analyzer. Designing a system to gather and analyze customer feedback from a product.

Requirements :

```
a.Store multiple feedback entries in a List<string>.
b.Count positive/negative keywords like "good", "bad", "excellent", "poor".
c. Find the most common words.
d.Identify feedback with specific issues (e.g., "slow", "expensive").
```

3. Write a c# program to process collection of employee data. Your program should provide following option:

```
a.  Add Employee
b.  Show Employees
c.  Update Performance Rating
d. Exit


    --> "Add employee"  should add new employee details (empno, ename, job,
perfRating)
    -->  "Show Employees"  :  Display all the employees
    --> Update Performance Rating --- It will update performance rating of the
employee based on employee id
```

4. Write a program to add / remove customers details in the Queue.

a. Customer details includes CustomerId, CustomerName, JoinedAt (DateTime).
b. If the customer is already there, notify the messages.

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5. How to reverse the constants in the given word

```
        Input:  Welcome
        Output :  mecloWe


        Input :  Hello
        Output :  lelHo
```

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6. Developing a Student Grade Management System that stores and manages students' grades.

```
    Objectives:


            a.   Use a List<string> to store student names.
            b.   Use a another List<int[]> to store subject-wise (5 subjects)
  marks for each student.
            c.   Implement functionality to:
                        Add a new student and their marks.
                        Calculate average marks.
                        Display students whose average is above  50
                        Search for a student by name (using string
  comparison).
```

Note: Please take some input from the other participants who are already clear the qualifier.