

Name: Kate Shweta Sanjay

Roll No.: 3083

Div: B Batch: T4

Problem Statement: Employee Qualifications Management System

You are assigned to develop a program to manage the qualifications of employees. The program should allow the user to input the number of employees, their names, and their qualifications.

Your program should use a jagged array to store employee names and their qualifications. Each employee may have a different number of qualifications.

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace EXP4
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Enter the Number of Employee : ");
            int en = Convert.ToInt32(Console.ReadLine());
            string[][] arr = new string[en][];
            for (int i = 0; i < en; i++)
            {
                Console.Write($"Enter the Name of the Employee {i + 1}
: ");
                string name = Console.ReadLine();
                Console.Write($"Enter the Number of the Qualification
for {name} : ");
                int qn = Convert.ToInt32(Console.ReadLine());
                arr[i] = new string[qn+1];
                arr[i][0] = name;
                for (int j = 1; j <= qn; j++)
                {
                    Console.Write($"Enter Qualification {j} for {name}
: ");
                    arr[i][j] = Console.ReadLine();
                }
            }
        }
    }
}
```

```

        Console.WriteLine("The Employee Details are : \n\n");
        for (int i = 0; i < en; i++)
        {
            Console.WriteLine($"Name : {arr[i][0]}");
            Console.WriteLine("Qualifications");
            for (int j = 1; j < arr[i].Length; j++)
            {Console.WriteLine(arr[i][j]);}
            Console.WriteLine("-----");
        }
        Console.ReadLine();
    }
}

```

Output:

```

Enter the Number of Employee :
4
Enter the Name of the Employee 1 : First
Enter the Number of the Qualification for First : 1
Enter Qualification 1 for First : Degree
Enter the Name of the Employee 2 : Second
Enter the Number of the Qualification for Second : 2
Enter Qualification 1 for Second : HSC
Enter Qualification 2 for Second : Degree
Enter the Name of the Employee 3 : Third
Enter the Number of the Qualification for Third : 4
Enter Qualification 1 for Third : SSC
Enter Qualification 2 for Third : HSC
Enter Qualification 3 for Third : Degree
Enter Qualification 4 for Third : MBA
Enter the Name of the Employee 4 : Fourth
Enter the Number of the Qualification for Fourth : 2
Enter Qualification 1 for Fourth : Degree
Enter Qualification 2 for Fourth : MBBS
The Employee Details are :

Name : First
Qualifications
Degree
-----
Name : Second
Qualifications
HSC
Degree
-----
Name : Third
Qualifications
SSC
HSC
Degree
MBA
-----
Name : Fourth
Qualifications
Degree
MBBS
-----

```