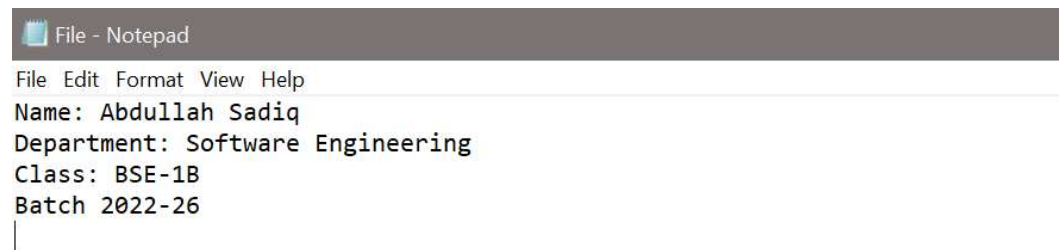


Task No 01: Show the Output of all Examples mentioned in the Lab.

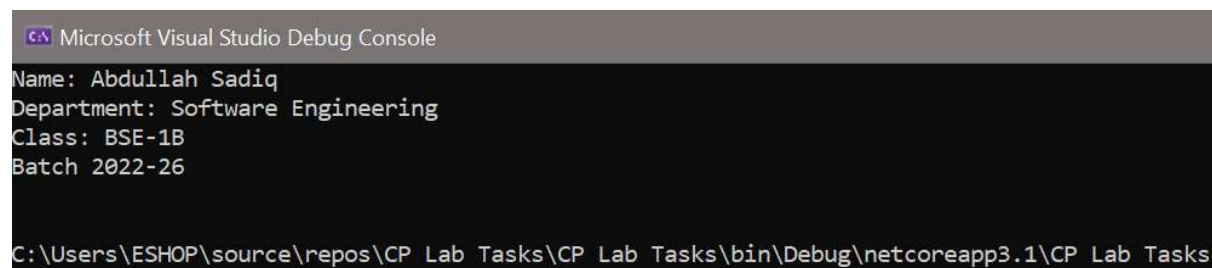
Example No 01:

Input:

```
using System;
using System.IO;
using System.Text;
namespace CP_Lab_Tasks
{
    class Program
    {
        static void Main(string[] args)
        {
            var path =
@"C:\Users\ESHOP\source\repos\ConsoleApp1\ConsoleApp1\bin\File.txt";
            string content = File.ReadAllText(path, Encoding.UTF8);
            Console.WriteLine(content);
        }
    }
}
```



Output:



Example No 02:


Input:

```
using System;
using System.IO;
using System.Text;
namespace ReadAllLines
{
    class Program
    {
        static void Main(string[] args)
        {
```

```

        var path =
@"C:\Users\ESHOP\source\repos\ConsoleApp1\ConsoleApp1\bin\File.txt";
        string[] lines = File.ReadAllLines(path, Encoding.UTF8);
        foreach (string line in lines)
        {
            Console.WriteLine(line);
        }
    }
}

```



File - Notepad

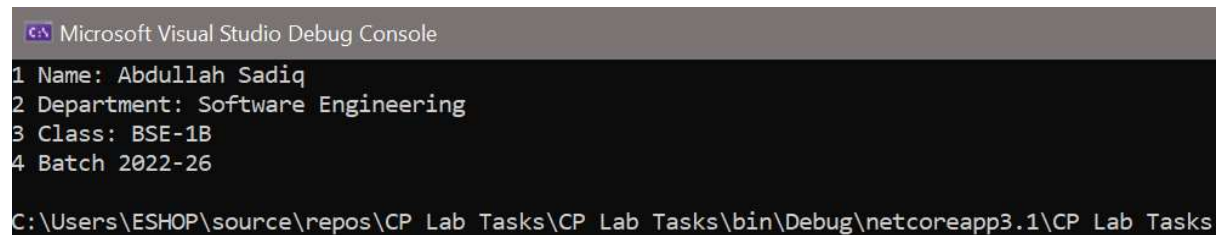
File Edit Format View Help

```

1 Name: Abdullah Sadiq
2 Department: Software Engineering
3 Class: BSE-1B
4 Batch 2022-26

```

Output:



Microsoft Visual Studio Debug Console

```

1 Name: Abdullah Sadiq
2 Department: Software Engineering
3 Class: BSE-1B
4 Batch 2022-26

```

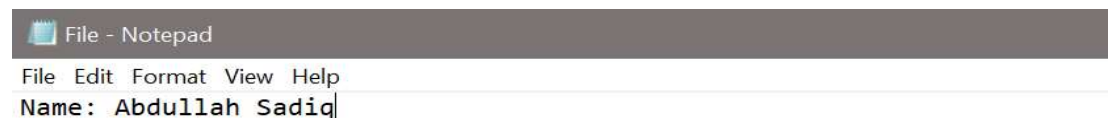
C:\Users\ESHOP\source\repos\CP Lab Tasks\CP Lab Tasks\bin\Debug\netcoreapp3.1\CP Lab Tasks

Example No 03:

```

using System;
using System.IO;
using System.Text;
namespace StreamReaderReadToEnd
{
    class Program
    {
        static void Main(string[] args)
        {
            var path =
@"C:\Users\ESHOP\source\repos\ConsoleApp1\ConsoleApp1\bin\File.txt";
            using var fs = new FileStream(path, FileMode.Open, FileAccess.Read);
            using var sr = new StreamReader(fs, Encoding.UTF8);
            string content = sr.ReadToEnd();
            Console.WriteLine(content);
        }
    }
}

```



File - Notepad

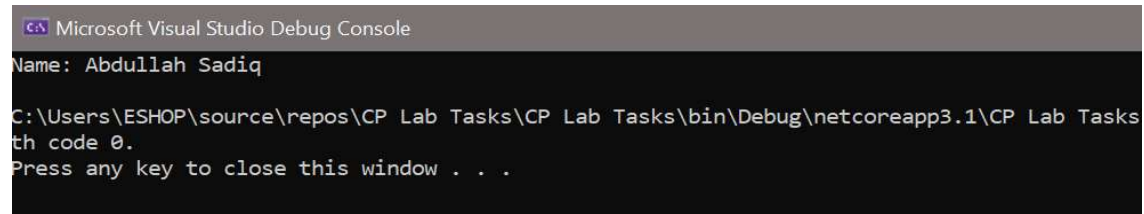
File Edit Format View Help

```

Name: Abdullah Sadiq

```

Output:

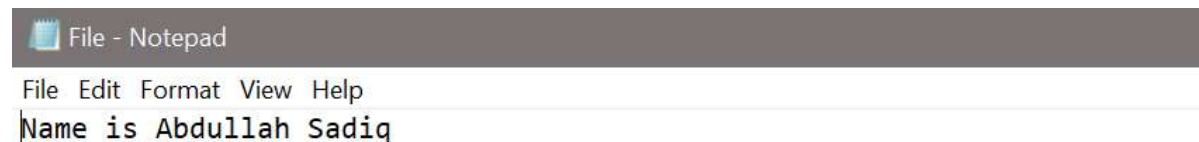


```
Microsoft Visual Studio Debug Console
Name: Abdullah Sadiq
C:\Users\ESHOP\source\repos\CP Lab Tasks\CP Lab Tasks\bin\Debug\netcoreapp3.1\CP Lab Tasks
th code 0.
Press any key to close this window . . .
```

Example No 04:

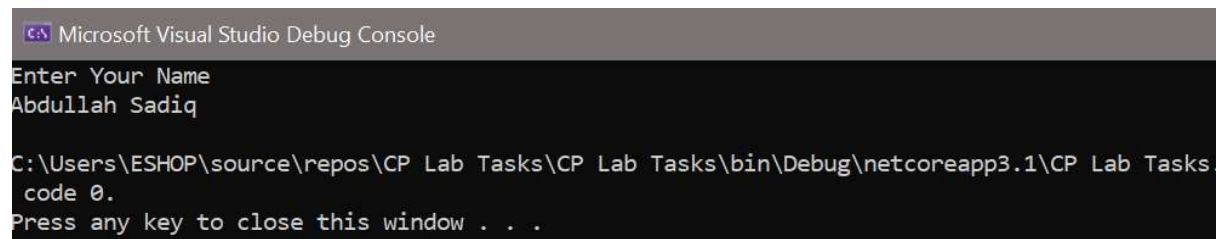
Input:

```
using System;
using System.IO;
using System.Text;
namespace ConsoleApp60
{
    class Program
    {
        static void Main(string[] args)
        {
            var path =
@"C:\Users\ESHOP\source\repos\ConsoleApp1\ConsoleApp1\bin\File.txt";
            using var fs = new FileStream(path, FileMode.OpenOrCreate, FileAccess.Write);
            using (StreamWriter writer = new StreamWriter(fs, Encoding.UTF8))
            {
                Console.WriteLine("Enter Your Name");
                string name = Console.ReadLine();
                writer.WriteLine("Name is {0}", name);
            }
        }
    }
}
```



```
File - Notepad
File Edit Format View Help
Name is Abdullah Sadiq
```

Output:



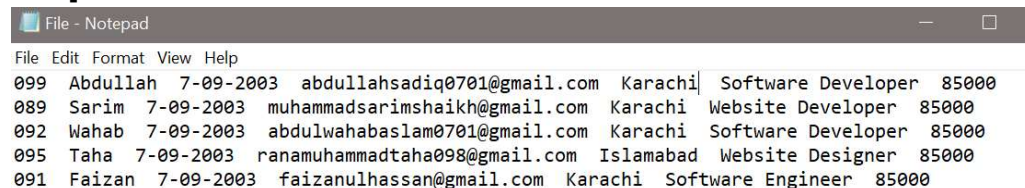
```
Microsoft Visual Studio Debug Console
Enter Your Name
Abdullah Sadiq
C:\Users\ESHOP\source\repos\CP Lab Tasks\CP Lab Tasks\bin\Debug\netcoreapp3.1\CP Lab Tasks
code 0.
Press any key to close this window . . .
```

Task No 02: Design a program of Employee in which you must take information of 05 employees. Information includes (employee_id, name, date of birth, email, residential address, job title, salary...etc.) and save all the records in a txt file using Stream Writer.

Input:

```
using System;
using System.IO;
using System.Text;
namespace CP_Lab_Tasks
{
    class Program
    {
        static void Main(string[] args)
        {
            int EMPId;
            string EMPNAME, EMPDOB, EMPEMAIL, EMPADD, EMPJOB;
            double EMPSAL;
            string path = @"File.txt";
            var fileStream = new FileStream(path,
                FileMode.OpenOrCreate, FileAccess.Write);
            using (StreamWriter writer = new StreamWriter(fileStream))
            {
                for (int i = 0; i < 5; i++)
                {
                    Console.WriteLine("Enter {0} Employee Id: ", i + 1);
                    EMPId = int.Parse(Console.ReadLine());
                    Console.WriteLine("Enter {0} Employee Name: ", i + 1);
                    EMPNAME = Console.ReadLine();
                    Console.WriteLine("Enter {0} Employee Date of Birth: ", EMPNAME);
                    EMPDOB = Console.ReadLine();
                    Console.WriteLine("Enter {0} Employee Email: ", EMPNAME);
                    EMPEMAIL = Console.ReadLine();
                    Console.WriteLine("Enter {0} Employee Address: ", EMPNAME);
                    EMPADD = Console.ReadLine();
                    Console.WriteLine("Enter {0} Employee Job Title:", EMPNAME);
                    EMPJOB = Console.ReadLine();
                    Console.WriteLine("Enter {0} Employee Sallary: ", EMPNAME);
                    EMPSAL = double.Parse(Console.ReadLine());
                    //now inserting into file
                    writer.WriteLine(EMPId + " " + EMPNAME + " " + EMPDOB + " " +
                        EMPEMAIL + " " + EMPADD + " " + EMPJOB + " " + EMPSAL);
                    Console.Clear();
                }
            }
        }
    }
}
```

Output:



```
File - Notepad
File Edit Format View Help
099 Abdullah 7-09-2003 abdullahsadiq0701@gmail.com Karachi Software Developer 85000
089 Sarim 7-09-2003 muhammadsarimshaikh@gmail.com Karachi Website Developer 85000
092 Wahab 7-09-2003 abdulwahabaslam0701@gmail.com Karachi Software Developer 85000
095 Taha 7-09-2003 ranamuhammadtaha098@gmail.com Islamabad Website Designer 85000
091 Faizan 7-09-2003 faizanulhassan@gmail.com Karachi Software Engineer 85000
```