

Task No. 1: Show the Output of all Examples mentioned in the Lab.

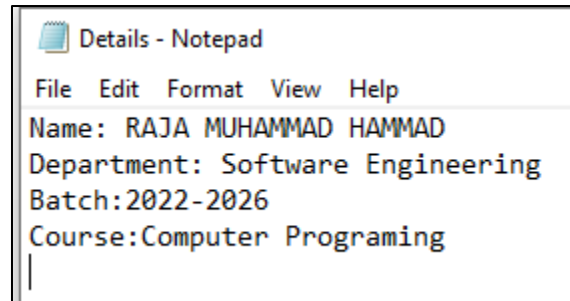
Example: 1

Solution:

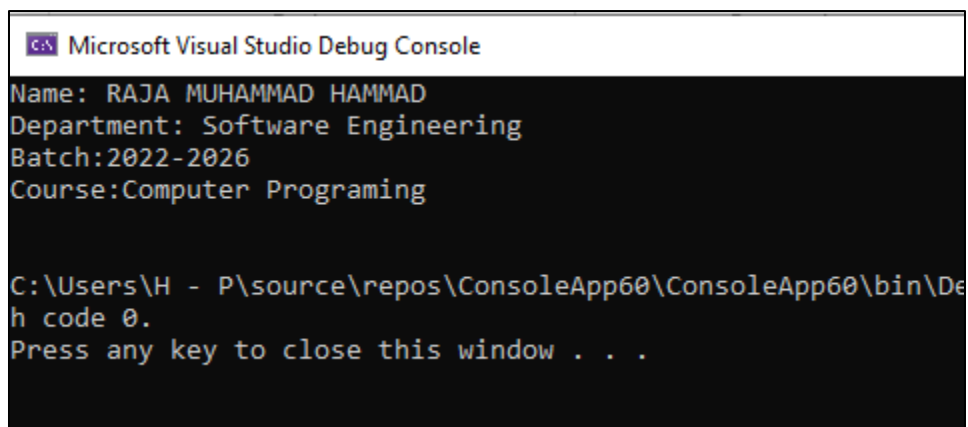
```
using System;
using System.IO;
using System.Text;

namespace ConsoleApp60
{
    class Program
    {
        static void Main(string[] args)
        {
            var path = @"C:\Users\H -
P\source\repos\ConsoleApp60\ConsoleApp60\bin\Details.txt";

            string content = File.ReadAllText(path, Encoding.UTF8);
            Console.WriteLine(content);
        }
    }
}
```



Output:



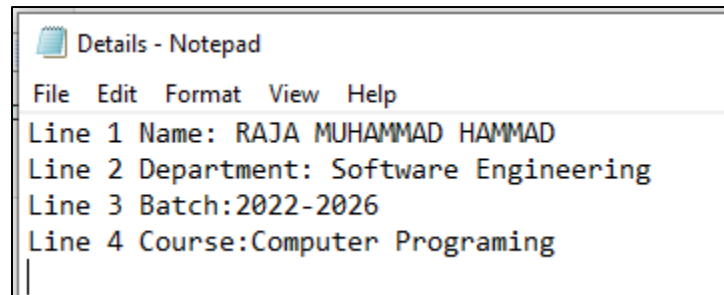
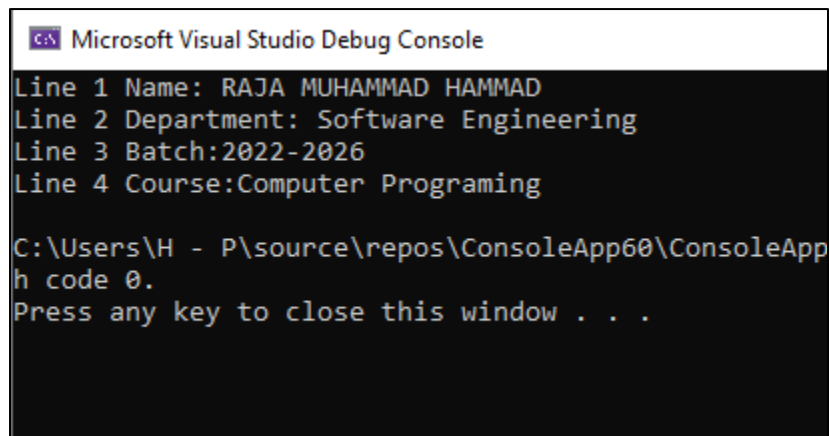
Example: 2**Solution:**

```
using System;
using System.IO;
using System.Text;

namespace ReadAllLines
{
    class Program
    {
        static void Main(string[] args)
        {
            var path = @"C:\Users\H -
P\source\repos\ConsoleApp60\ConsoleApp60\bin\Details.txt";

            string[] lines = File.ReadAllLines(path, Encoding.UTF8);

            foreach (string line in lines)
            {
                Console.WriteLine(line);
            }
        }
    }
}
```

**Output:**

Example: 3**Solution:**

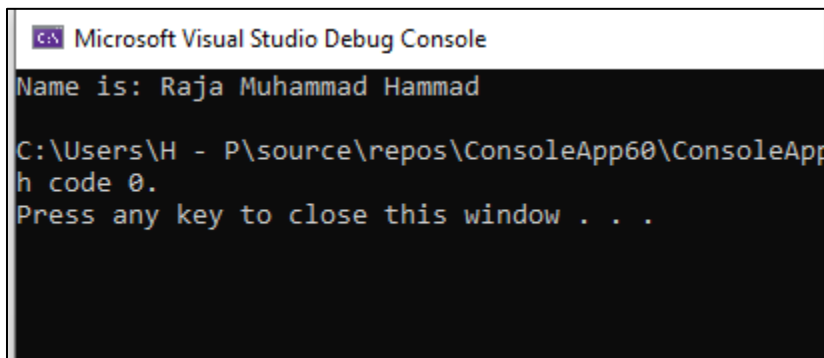
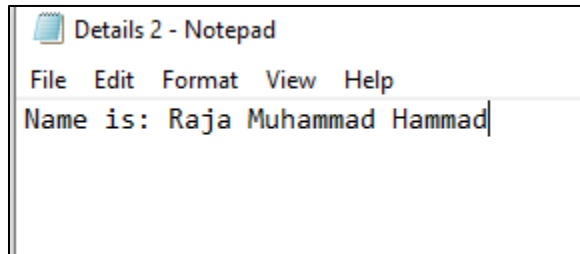
```
using System;
using System.IO;
using System.Text;

namespace StreamReaderReadToEnd
{
    class Program
    {
        static void Main(string[] args)
        {
            var path = @"C:\Users\H -
P\source\repos\ConsoleApp60\ConsoleApp60\bin\Details 2.txt";

            using var fs = new FileStream(path, FileMode.Open, FileAccess.Read);
            using var sr = new StreamReader(fs, Encoding.UTF8);

            string content = sr.ReadToEnd();

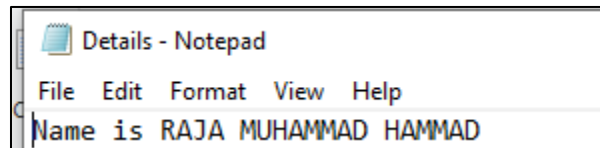
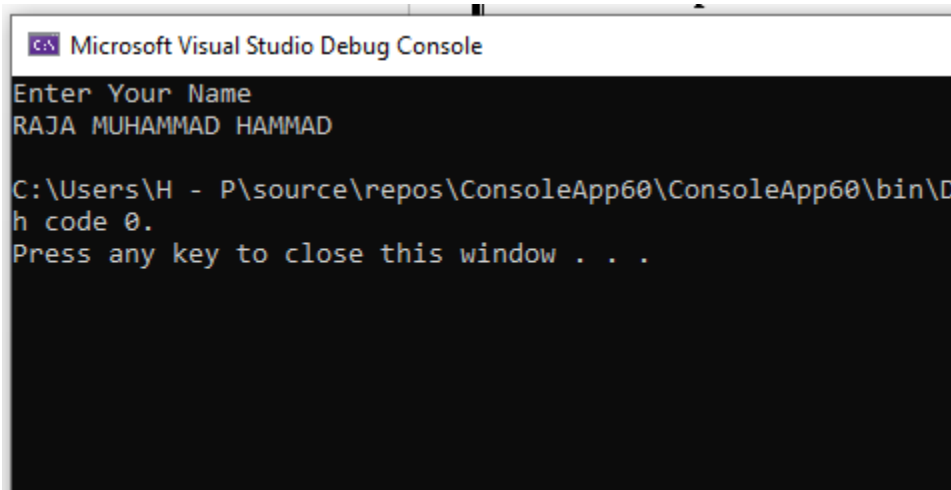
            Console.WriteLine(content);
        }
    }
}
```

Output:

Example: 4**Solution:**

```
using System;
using System.IO;
using System.Text;

namespace ConsoleApp60
{
    class Program
    {
        static void Main(string[] args)
        {
            var path = @"C:\Users\H -
P\source\repos\ConsoleApp60\ConsoleApp60\bin\Details.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);
            }
        }
    }
}
```

**Output:**

Task No. 2: Design a program of Employee in which you have to 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 StreamWriter.

Solution:

```
using System;
using System.IO;
using System.Text;

namespace cp_lab_11
{
    class Program
    {
        static void Main(string[] args)
        {
            int EMPId;
            string EMPNAME, EMPDOB, EMPEMAIL, EMPADD, EMPJOB;
            double EMPSAL;

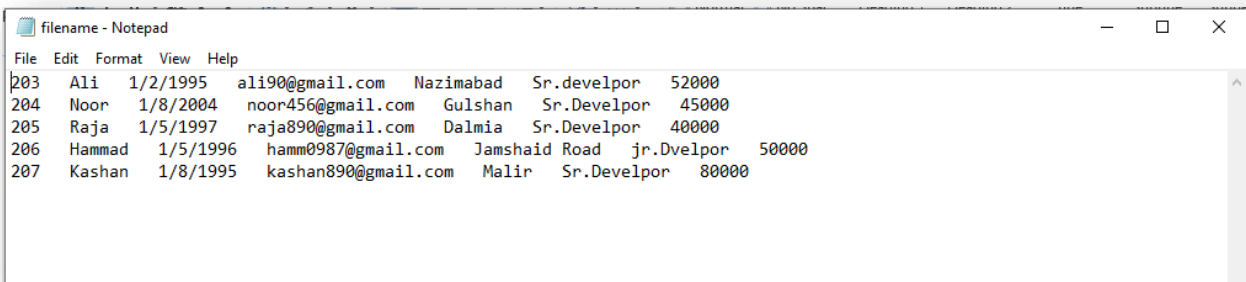
            string path = @"filename.txt";
            var fileStream = new FileStream(path,
            FileMode.OpenOrCreate, FileAccess.Write);
            using (StreamWriter writer = new StreamWriter(fileStream))
            {
                for (int i = 0; i < 5; i++)
                {
                    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 + " " +
```

[Lab no. 11]

[COMPUTER PROGRAMING] [Filling]

```
EMPSAL);  
  
        Console.Clear();  
    }  
}  
}  
}
```

Output:



A screenshot of a Notepad window titled 'filename - Notepad'. The window displays a table of employee data with 5 columns: ID, Name, Date of Birth, Email, Address, Designation, and Salary. The data is as follows:

ID	Name	Date of Birth	Email	Address	Designation	Salary
203	Ali	1/2/1995	ali90@gmail.com	Nazimabad	Sr.developor	52000
204	Noor	1/8/2004	noor456@gmail.com	Gulshan	Sr.Developor	45000
205	Raja	1/5/1997	raja890@gmail.com	Dalmia	Sr.Developor	40000
206	Hammad	1/5/1996	hamm0987@gmail.com	Jamshaid Road	jr.Dvelopor	50000
207	Kashan	1/8/1995	kashan890@gmail.com	Malir	Sr.Developor	80000