Research and try to understand what is Abstraction

➢ Abstraction reduces code complexity.

➢ It is the main aspect of OOPS Concepts.

➢ Keyword for Abstraction is "abstract"

➢ It is the process of showing only necessary data by hiding unnecessary data.

Write the 2 main uses of Abstract class by using the example discussed in the class.

→ Re-usability

→ Enforcing derived class to must override abstract methods in base class.

Create one more example of your choice to demonstrate abstract class

Code:

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

namespace Day_10_Project_1
{
  //Author: Mary Margaret
  //Purpose : Abstraction

  abstract class Salary
  {
    public int Getpf(int basic)
    {
      return 12 * basic / 100;
    }
    public int GetHRA(int basic)
    {
      return 40 * basic / 100;
    }
```

```csharp
        public abstract int GetCA();
        public abstract int GetSA();
    }
    class Intel : Salary
    {
        public override int GetCA()
        {
            return 1000;
        }
        public override int GetSA()
        {
            return 2000;
        }
    }
    class Dell : Salary
    {
        public override int GetCA()
        {
            return 10000;
        }
        public override int GetSA()
        {
            return 20000;
        }
    }
}

    internal class Program
    {
        static void Main(string[] args)
        {
        Console.WriteLine("Completed Processing");
        Console.ReadLine();
        }
    }
```

Output:

E:\NH Assignments\Day 10 even...

```
Completed Processing
```