```csharp
namespace Wk6InheritanceExample2
{
    interface IPayDetail
    {
        string GetPayDetailInformation();
    }
}
```

```csharp
1
2  namespace Wk6InheritanceExample2
3  {
4      abstract class  Person
5      {
6          private string _Name;
7
8          public string Name { get { return _Name; } }
9
10         public Person(string name)
11         {
12             _Name = name;
13         }
14
15         public override string ToString()
16         {
17             return _Name;
18         }
19     }
20 }
```

```csharp
1
2
3  namespace Wk6InheritanceExample2
4  {
5      class Salary : Person, IPayDetail
6      {
7          private decimal _Salary;
8          public decimal AnnualSalary
9          {
10             get { return _Salary;  }
11             set { _Salary = value; }
12         }
13
14         public string GetPayDetailInformation()
15         {
16             return string.Format("{0:c} salary - Weekly Payment: {1:c}",
                   _Salary, _Salary/52);
17         }
18
19         public Salary(string name, decimal amount): base(name)
20         {
21             _Salary = amount;
22         }
23
24         public override string ToString()
25         {
26             return string.Format("{0} - {1}", base.ToString(),
                   GetPayDetailInformation());
27         }
28     }
29 }
30
```

```csharp
1
2
3  namespace Wk6InheritanceExample2
4  {
5      class Wage : Person, IPayDetail
6      {
7          private decimal _Rate;
8          public decimal Rate { get { return _Rate; } set { _Rate = value; } }
9
10         public Wage(string name, decimal rate) : base(name)
11         { _Rate = rate; }
12
13         public string GetPayDetailInformation()
14         {
15             return string.Format("{0:c} Hour Rate - Weekly Payment: {1:c}",  ⏎
                   _Rate, _Rate *36 );
16         }
17
18         public override string ToString()
19         {
20             return string.Format("{0} - {1}", base.ToString(),              ⏎
                   GetPayDetailInformation());
21         }
22
23     }
24 }
25
```

```csharp
1  using System;
2  using System.Collections.Generic;
3
4  namespace Wk6InheritanceExample2
5  {
6      class Program
7      {
8          static void Main(string[] args)
9          {
10             List<Person> Employee = new List<Person>();
11
12             Employee.Add(new Salary("Benita", 60000m));
13             Employee.Add(new Wage("Travis", 25m));
14
15
16             Console.WriteLine("\nEmployee List:");
17             foreach (Person emp in Employee)
18                 if (emp != null) Console.WriteLine("\t{0}", emp);
19         }
20     }
21 }
22
```