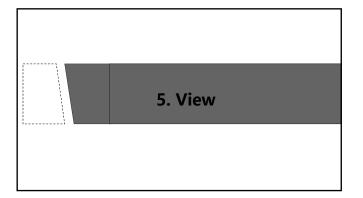


```
Project: Implement the interface

public class EmployeeRepository:IEmployeeRepository
{
    //將负工數据保存在一个列表中
    private List<Employee> data = new List<Employee>();
    //勝納的數報
    public EmployeeRepository()
    {
        data.Add(new Employee() { EmployeeId = 1, EmployeeName = "Adam", Title = "manager",
        Country = "USA" });
        data.Add(new Employee() { EmployeeId = 2, EmployeeName = "Bob", Title = "president",
        Country = "USA" });
        data.Add(new Employee() { EmployeeId = 3, EmployeeName = "Cathy", Title = "sale",
        Country = "USA" });
        public List<Employee> SelectAll()
        { return data; }
}
```

```
Project: Implement the List action method in controller

//导入名称空间
using SampleApplication.Models;
public class EmployeeManagerController: Controller
{
    private IEmployeeRepository repo;
    public EmployeeRanagerController(IEmployeeRepository r)
    {
        //获取接口实例
        repo = r;
    }
    //罗列所有员工
    public IActionResult List()
    {
        return View(repo.SelectAll());
    }
}
```



Conventions for Views

- ■Views are stored in the Views folder, organized into subfolders.
- ■Views that are associated with the Home controller, for example, are stored in a folder called Views/Home.
- ■Views that are not specific to a single controller are stored in a folder called Views/Shared.

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Razor View Engine

- ■View engines provide a specific syntax to work with server-side elements and process the view to render the HTML in the browser.
- Razor is a view engine, and the expressions in views are known as Razor expressions.

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Invoking a View (—)

- ■When an action method invokes the View method, it creates a ViewResult that tells the MVC Framework to use the default convention to locate a view.
- ■The Razor view engine looks for a view with the same name as the action method, with the addition of the cshtml file extension.

public IActionResult List(){return View(repo.SelectAll());}

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Invoking a View (二)

■Action methods can select a view by providing a name as an argument to the View method.

return View("Watersports", prod);

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Understanding the Razor Syntax (—)

- The Razor compiler separates the static fragments of HTML from the C# expressions.
- ■Directives are expressions that give instructions to the Razor view engine.
 - ■@model
 - ■@using
 - ■@addTagHelper

■....

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Understanding the Razor Syntax (二)

- Razor content expressions produce content that is included in the output generated by a view.
- ■The key transition character in Razor is the "at" sign (@).
- ■Blocks of code require curly braces to delimit the block of code.

```
<h1>Listing @items.Length items.</h1>
@{
    string s = "One line of code.";
    ViewBag.Title "Another line of code";
}
```

..