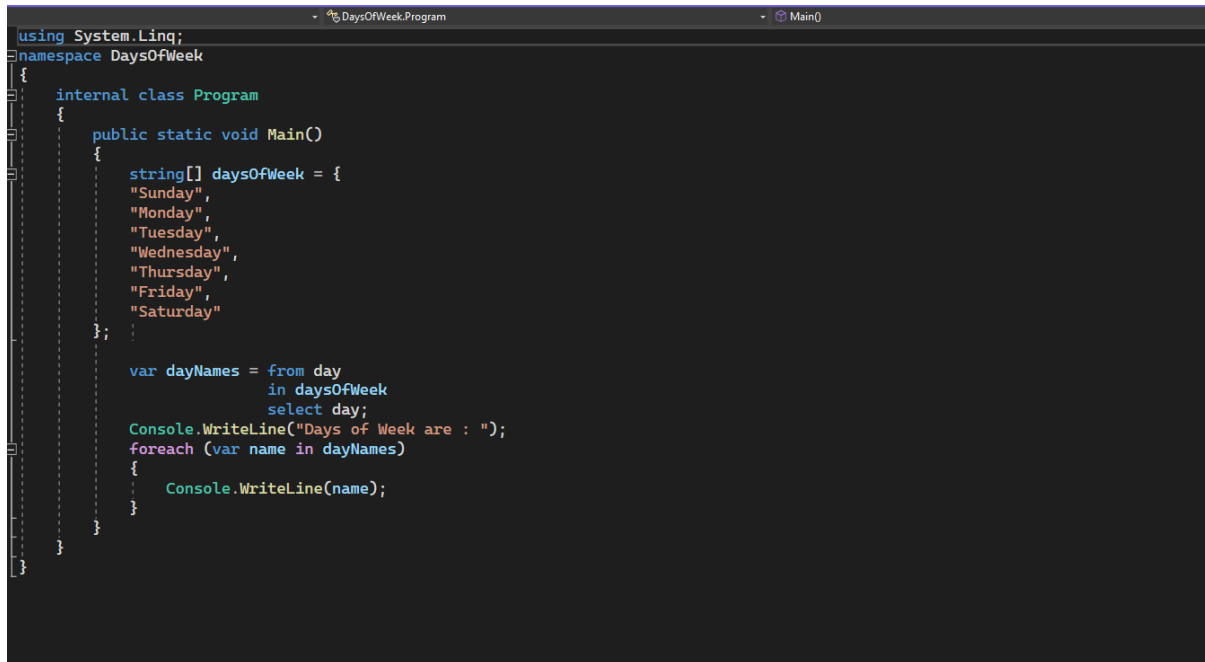


**LAB EXAM**  
**MS.Net Technologies**

**Total Marks: 20**

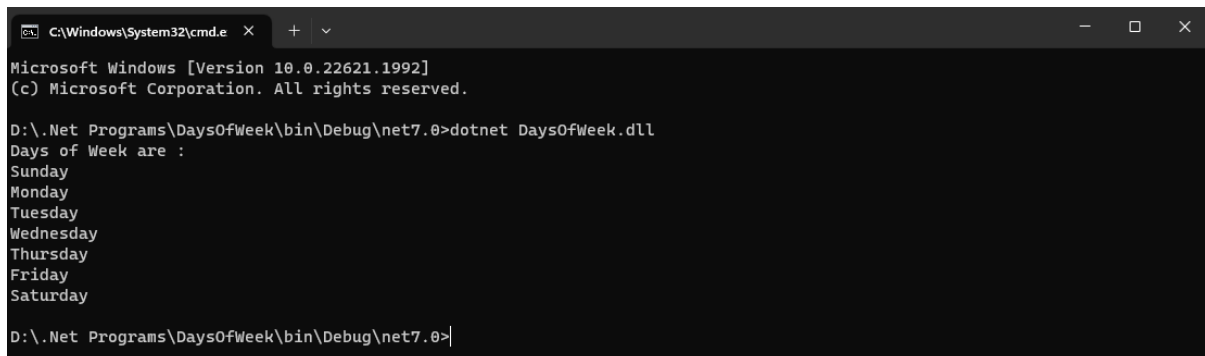
**Time: 2 hours**

**1. Write a program in C# Sharp to display the name of the days of the week using LINQ.**



```
using System.Linq;
namespace DaysOfWeek
{
    internal class Program
    {
        public static void Main()
        {
            string[] daysOfWeek = {
                "Sunday",
                "Monday",
                "Tuesday",
                "Wednesday",
                "Thursday",
                "Friday",
                "Saturday"
            };

            var dayNames = from day
                           in daysOfWeek
                           select day;
            Console.WriteLine("Days of Week are : ");
            foreach (var name in dayNames)
            {
                Console.WriteLine(name);
            }
        }
    }
}
```



```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.22621.1992]
(c) Microsoft Corporation. All rights reserved.

D:\\.Net Programs\DaysOfWeek\bin\Debug\net7.0>dotnet DaysOfWeek.dll
Days of Week are :
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday

D:\\.Net Programs\DaysOfWeek\bin\Debug\net7.0>
```

2. Using ASP.Net Core, create an MVC project for a college with the following pages such as Home, Employee, Student. Create functions such as Index, login and signup. Return the corresponding view pages and display it in the browser.

```
1
2  @{
3      ViewData["Title"] = "Signup";
4  }
5
6  <h1>Signup</h1>
7
8  <form action="/Home/Signup" method="post">
9      <div>
10         <label for="username">Username:</label>
11         <input type="text" id="username" name="username" required>
12     </div>
13     <div>
14         <label for="email">Email:</label>
15         <input type="email" id="email" name="email" required>
16     </div>
17     <div>
18         <label for="password">Password:</label>
19         <input type="password" id="password" name="password" required>
20     </div>
21     <div>
22         <label for="confirmPassword">Confirm Password:</label>
23         <input type="password" id="confirmPassword" name="confirmPassword" required>
24     </div>
25     <div>
26         <button type="submit">Signup</button>
27     </div>
28 </form>
29
```

```
1
2  @{
3      ViewData["Title"] = "Login";
4  }
5
6  <h1>Login</h1>
7
8  <form action="/Home/Login" method="post">
9      <div>
10         <label for="username">Username:</label>
11         <input type="text" id="username" name="username" required>
12     </div>
13     <div>
14         <label for="password">Password:</label>
15         <input type="password" id="password" name="password" required>
16     </div>
17     <div>
18         <button type="submit">Login</button>
19     </div>
20 </form>

```

```
1
2  @{
3      ViewData["Title"] = "Index";
4  }
5
6  <h1>Welcome to the College!</h1>
7  <p>This is the home page.</p>
8
9
```

```

1  using Microsoft.AspNetCore.Mvc;
2
3  namespace CollegeProject.Controllers
4  {
5      0 references
6      public class CollegeHomeController : Controller
7      {
8          0 references
9          public IActionResult Index()
10         {
11             return View();
12         }
13         0 references
14         public IActionResult Login()
15         {
16             return View();
17         }
18
19         0 references
20         public IActionResult Signup()
21         {
22             return View();
23         }
24     }
25 }

```

```

1  using Microsoft.AspNetCore.Mvc;
2
3  namespace CollegeProject.Controllers
4  {
5      public class StudentController : Controller
6      {
7          0 references
8          public IActionResult Index()
9          {
10             return View();
11         }
12         0 references
13         public IActionResult Login()
14         {
15             return View();
16         }
17
18         0 references
19         public IActionResult Signup()
20         {
21             return View();
22         }
23     }
24 }

```

```

1  using Microsoft.AspNetCore.Mvc;
2
3  namespace CollegeProject.Controllers
4  {
5      0 references
6      public class EmployeeController : Controller
7      {
8          0 references
9          public IActionResult Index()
10         {
11             return View();
12         }
13         0 references
14         public IActionResult Login()
15         {
16             return View();
17         }
18
19         0 references
20         public IActionResult Signup()
21         {
22             return View();
23         }
24     }
25 }

```

```

1 namespace CollegeProject.Models
2 {
3     3 references
4     public class ErrorViewModel
5     {
6         2 references
7         public string? RequestId { get; set; }
8
9         1 reference
10        public bool ShowRequestId => !string.IsNullOrEmpty(RequestId);
11    }
12 }

```

```

1 namespace CollegeProject
2 {
3     0 references
4     public class Program
5     {
6         0 references
7         public static void Main(string[] args)
8         {
9             var builder = WebApplication.CreateBuilder(args);
10
11             // Add services to the container.
12             builder.Services.AddControllersWithViews();
13
14             var app = builder.Build();
15
16             // Configure the HTTP request pipeline.
17             if (!app.Environment.IsDevelopment())
18             {
19                 app.UseExceptionHandler("/Home/Error");
20             }
21             app.UseStaticFiles();
22
23             app.UseRouting();
24
25             app.UseAuthorization();
26
27             app.MapControllerRoute(
28                 name: "default",
29                 pattern: "{controller=CollegeHome}/{action=Index}/{id?}");
30
31             app.Run();
32 }

```

Index - CollegeProject

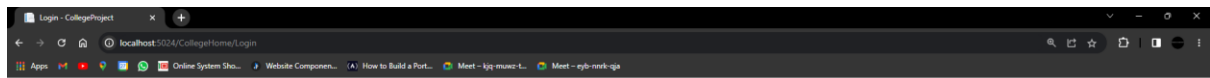
localhost:5024

Apps Online System Sho... Website Componen... (A) How to Build a Port... Meet - App-mu... Meet - e...rk...ga

CollegeProject Home Login Signup

# Welcome to the College!

This is the home page.



CollegeProject Home Login Signup

## Login

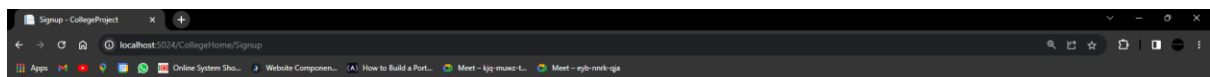
Username:

Password:

Login

---

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CollegeProject Home Login Signup

## Signup

Username:

Email:

Password:

Confirm Password:

Signup

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