LAB-12

Q)

```csharp
public class Employee
{
    public int Id { get; set; }
    public string Name { get; set; }
    public string Email { get; set; }
    public string Department { get; set; }
}


public class EmployeeController : Controller
{
    private readonly ApplicationDbContext _context;

    public EmployeeController()
    {
        _context = new ApplicationDbContext();
    }

    // Action methods for CRUD operations

    // GET: Employee
    public ActionResult Index()
    {
        var employees = _context.Employees.ToList();
        return View(employees);
    }
}
```

```csharp
    // GET: Employee/Create
    public ActionResult Create()
    {
        return View();
    }


    [HttpPost]
    [ValidateAntiForgeryToken]
    public ActionResult Create(Employee employee)
    {
        if (ModelState.IsValid)
        {
            _context.Employees.Add(employee);
            _context.SaveChanges();
            return RedirectToAction("Index");
        }
        return View(employee);
    }


    // Other CRUD actions (Read, Update, Delete) would be implemented similarly
}
public class RouteConfig
{
    public static void RegisterRoutes(RouteCollection routes)
    {
        routes.IgnoreRoute("{resource}.axd/{*pathInfo}");


        routes.MapRoute(
            name: "Default",
            url: "{controller}/{action}/{id}",
            defaults: new { controller = "Employee", action = "Index", id = UrlParameter.Optional }
```

```
        );

    }

}
```

OUTPUT :