2100030522

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Lab – 12

```
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 :