

# LAB-12

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Q)

```
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);
    }
}
```

```
// 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 :

