# 4. CRUD Operations with Web API

## Task 4: CRUD Operations with Web API

### Objectives:  
- Implement Create, Read, Update, Delete actions  
- Use `FromBody` to get input  
- Validate and return correct responses

### 1. Create (POST)  
```csharp  
[HttpPost]  
public IActionResult Add(Employee emp) { ... }  
```

### 2. Read (GET)  
```csharp  
[HttpGet]  
public IActionResult Get() { ... }  
```

### 3. Update (PUT)  
```csharp  
[HttpPut("{id}")]  
public IActionResult Update(int id, Employee emp) { ... }  
```

### 4. Delete (DELETE)  
```csharp  
[HttpDelete("{id}")]  
public IActionResult Delete(int id) { ... }  
```

### 5. Use Swagger or Postman to test each  
- Add Header: `Content-Type: application/json`  
- Check for status codes and response body

