

1. Name your Project to RestModule1 and then simply add a class in the Models Folder and name this class to Product and just put the following code in your Model Class

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;

namespace RestModule1.Models
{
    public class Product
    {
        public int Id { get; set; }
        public string ProductName { get; set; }
        public decimal Price { get; set; }
    }
}
```

2. Now just build the solution and put the controller in the controllers folder. You can add the following code in the controller class and just check this via PostMan

```
using System;
using System.Collections.Generic;
using System.Linq;
using System.Net;
using System.Net.Http;
using System.Web.Http;
using RestModule1.Models;

namespace RestModule1.Controllers
{
    public class ProductsController : ApiController
    {
        static List<Product> products = new List<Product>()
        {
            new Product(){Id = 0, ProductName = "Apple", Price = 20},
            new Product(){Id = 1, ProductName = "Banana", Price = 40},
            new Product(){Id = 2, ProductName = "Orange", Price = 60}
        };

        // GET: api/Products
        [HttpGet]
        public IHttpActionResult LoadProducts()
        {
            return Ok(products);
        }

        // GET: api/Products/5
        [HttpGet]
        public Product GetSpecificProduct(int id)
        {
            return products[id];
        }

        // POST: api/Products
        public HttpResponseMessage Post([FromBody]Product product)
        {
        }
```

```
        products.Add(product);
        return new HttpResponseMessage(HttpStatusCode.Created);
    }

    // PUT: api/Products/5
    public void Put([FromBody]int id, [FromUri]Product product)
    {
        products[id] = product;
    }

    // DELETE: api/Products/5
    public void Delete(int id)
    {
        products.RemoveAt(id);
    }
}
}
```