

Experiment 11

Aim: Program for Creating and using APIs

Source Code: DefaultController.cs

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

namespace practical_11.Controllers
{
    public class DefaultController :
ApiController
    {
        static List<string> languages = new List<string>() {
            "C#", "ASP.NET", "MVC"
        };
        public IEnumerable<string>
Get()
    {
```

```
        return languages;
    }

    public string Get(int id)
    {
        return languages[id];
    }

    public void Post([FromBody] string value)
    {
        languages.Add(value);
    }

    public void Put(int id, [FromBody] string value)
    {
        languages[id] = value;
    }

    public void Delete(int id)
    {
        languages.RemoveAt(id);
    }
}
```

}

Output:

```

<ArrayOfstring xmlns:i="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://schemas.microsoft.com/2003/10/Serialization/Arrays">
  <string>C#</string>
  <string>ASP.NET</string>
  <string>MVC</string>
</ArrayOfstring>

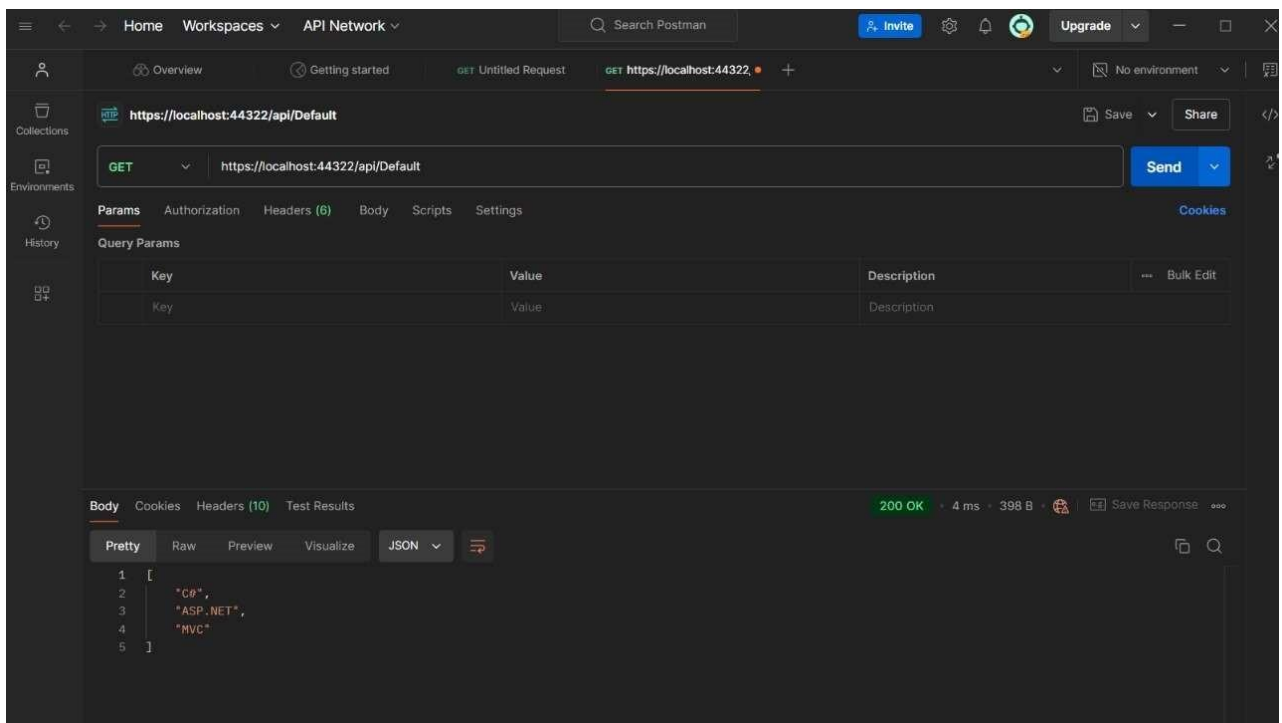
```

```

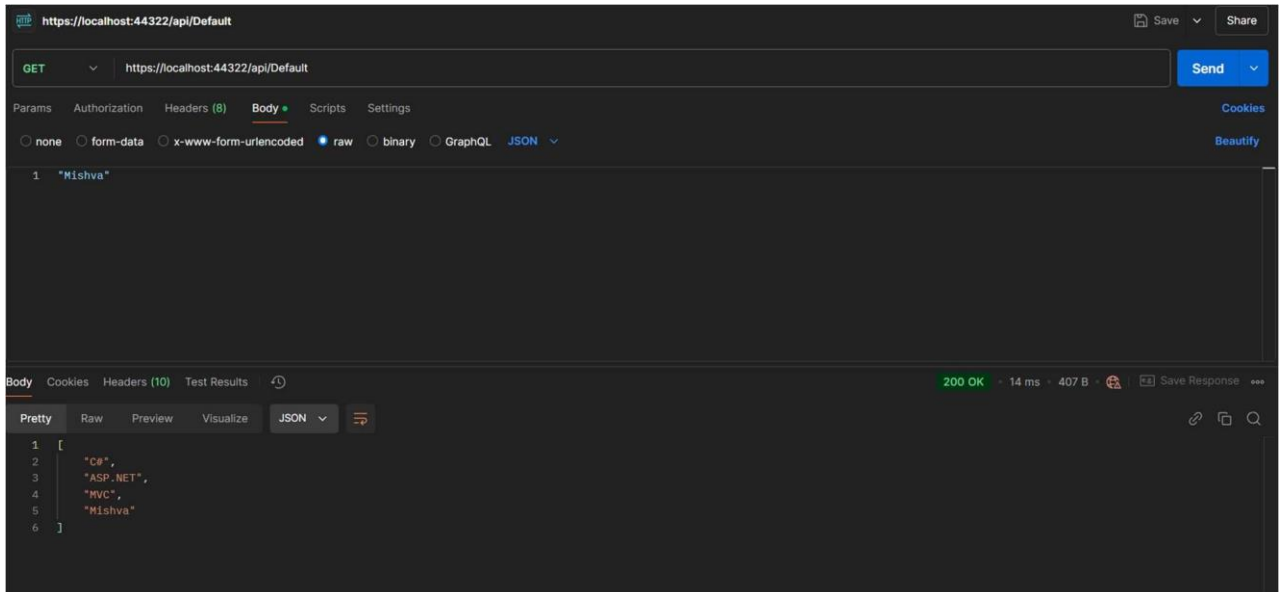
<string xmlns="http://schemas.microsoft.com/2003/10/Serialization/">ASP.NET</string>

```

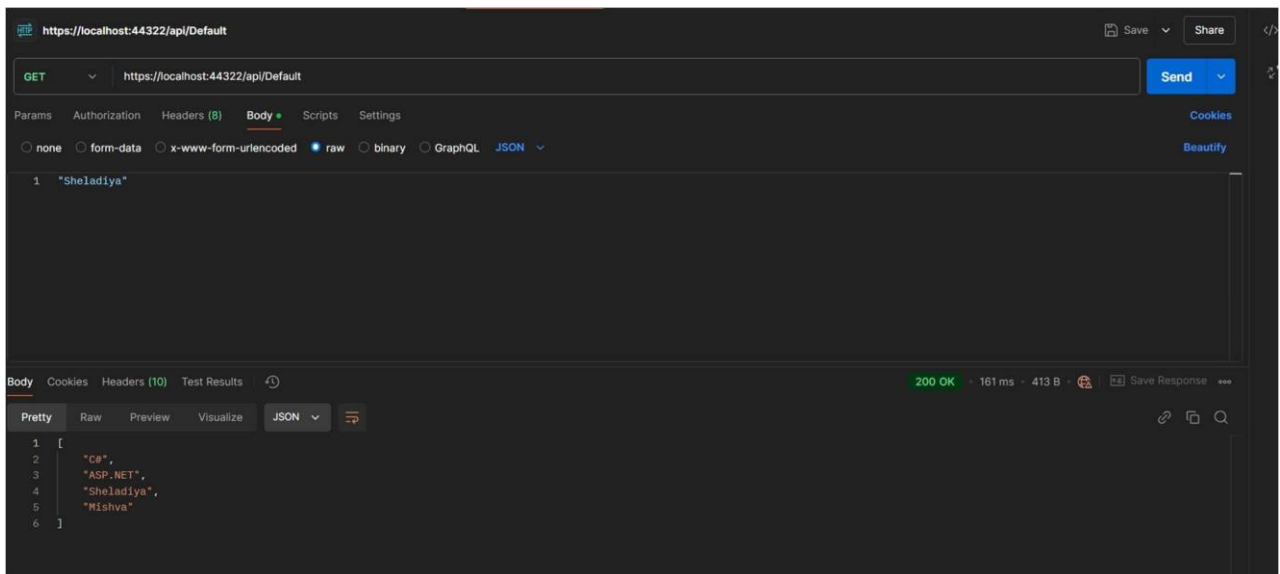
GET -



POST -



PUT -



DELETE -

