

EXPERIMENT

Student Name: Sahil Chaturvedi

UID: 23MCC20040

Branch: MCA CC & DEVOPS

Section/Group: 23MCD-2

Semester: 2

Date of Performance:

Subject Name: Cloud Computing

Subject Code: 23CAH581

Experiment No. : 5

Aim/Overview of the practical:

Create a Web App in Azure and Publish Using Visual Studio.

Task to be done :

Open the Visual Studio app, write, build and publish a Web App

Code/Step for the Practical :

Step 1) Go to Microsoft Visual Studio 2022 and click on “Create a new Project”.

Step 2) Now, select “ASP.NET Core Web App” and Click on Next.

Step 3) Now, type the name of your Project like Ex5_cloud and select the Location of your Project. After this, click on Next.

Step 4) Leave the Framework and Authentication type as default and click on “Create”.

Step 5) Now, a window appears which shows the Overview of your project. On the right side, in the solution Explorer, Right click on the name of your Project and select “Build”.

Step 6) After clicking on Build, On the bottom of your window, the “Output” shows “Build Started”.

Step 7) Now again in the Solution Explorer, Right click on the name of your Project and select “Publish”.

Step 8) Now Publish window appears which shows various targets like Azure, Docker Container Registry, Folder etc. Select “Azure” from these targets and click on Next.

Step 9) Now, Select the Specific Target as “Azure App Service (Windows)” and click on Next.

Step 10) After this, App Service windows appears. In it, select the Resource Group and then “Web App” of your choice which you created in Azure Portal. Click on Finish.

Step 11) Now, Publish Profile is created . Click on Close Button.

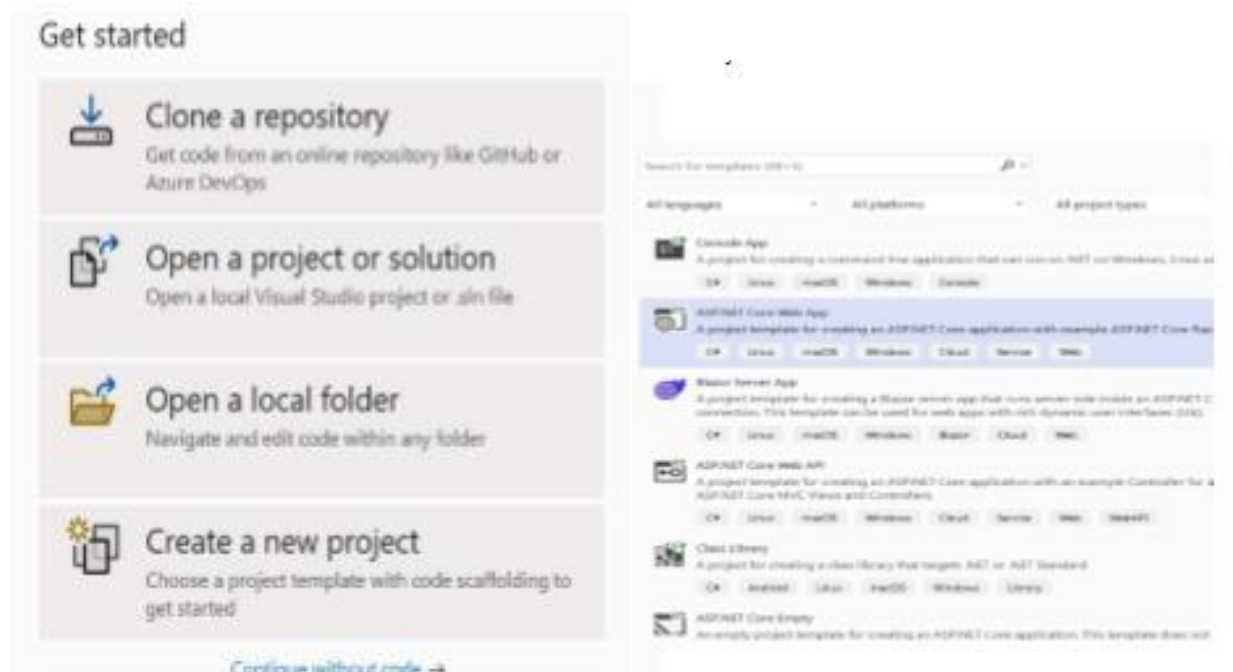
Step 12) A window appears which shows Settings and Hosting Information. Now, Click on “Publish” button in the Top - Right Corner. Now, You will see “Publish Succeeded”.

Step 13) In the Solution Explorer, On the name of your Project, click on Pages. After this, Double Click on “Index.cshtml”.

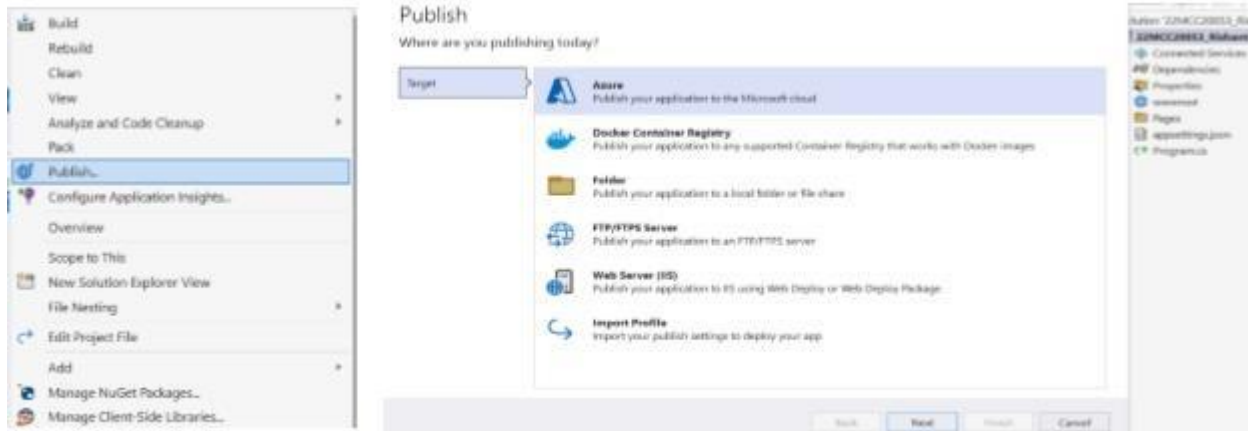
Step 14) Now, in Index.cshtml, add the code of your choice and Save it.

Step 15) Now go to Publish Section of your Project and again Click on Publish. After this, a chrome tab appears which shows the output of your Project.

Deployment :



Building and publishing :



Index file :

```

1  @page
2  @model IndexModel
3  @{
4      ViewData["Title"] = "Home page";
5  }
6
7  <html>
8
9  <head>
10     <title>
11         22MCC20053_Rishant
12     </title>
13 </head>
14
15 <body class="grad">
16     <h3>Feedback Form</h3>
17
18     <form action="">
19
20         <label for="">First Name</label> <br>
21         <input type="text"> <br> <br>
22
23         <label for="">Last Name</label> <br>
24         <input type="text" name="" id=""> <br> <br>
25
26     </form>
27
28 </body>
29 </html>

```

Output :



Feedback Form

First Name

Last Name

E-Mail

Feedback

Learning Outcome : I Learned to Create a WebApp in the Microsoft Azure Portal, and to use the Visual Studio for publishing a WebApp.