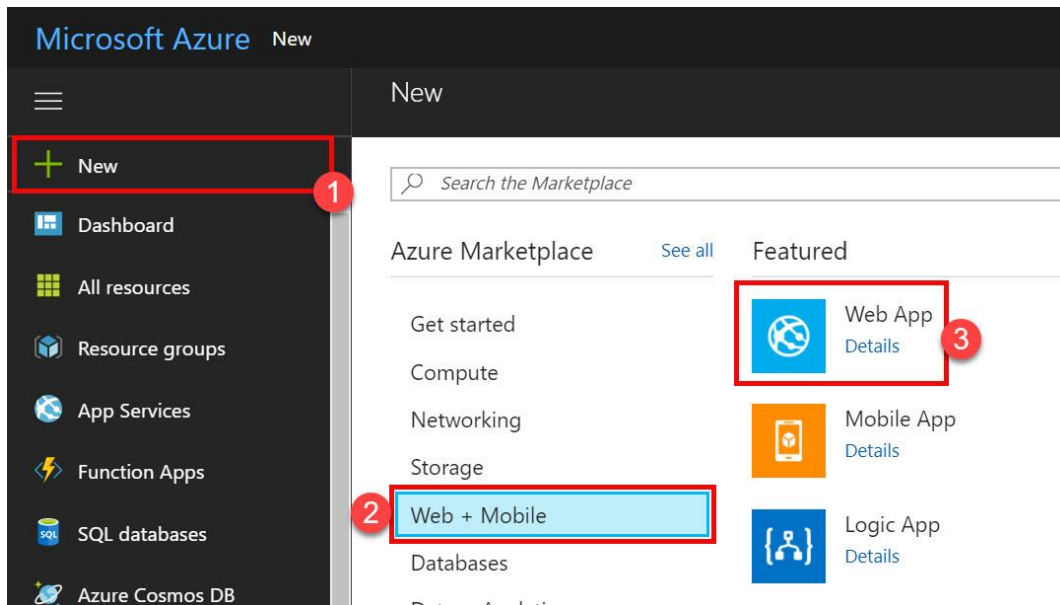


## Publish Web App using Visual Studio

**Step 1:** Open Microsoft Azure Portal & Login with Azure subscription credentials

<https://portal.azure.com>

**Step 2:** To Create Blank Web App, Click on **+New** -> **Web + Mobile** -> **Web App**



**Step 3:** Create New Web App & below details

The screenshot shows the 'Web App Create' form in the Azure Portal. The form fields are: App name (azurewebapp003), Subscription (MSDN Platforms), Resource Group (Create new, WEBAPP3\_RG), OS (Windows), and App Service plan/Location (azurewebappplan(Central India)).

**App Name:** azurewebapp003

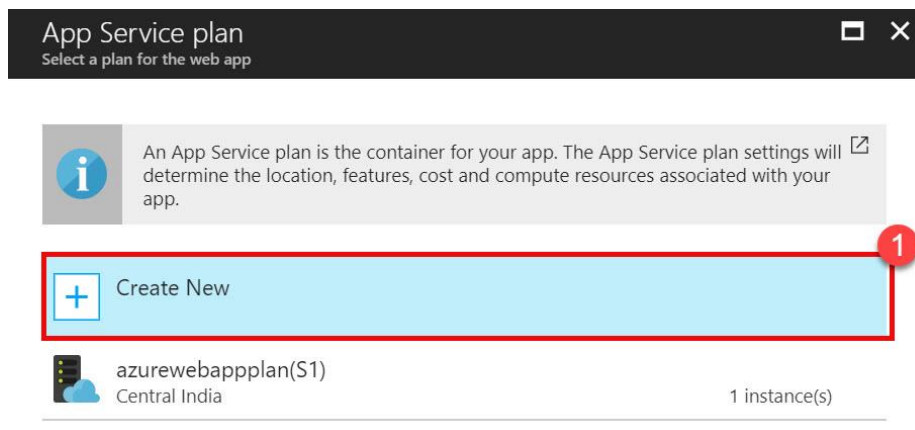
**Subscription:** Choose any of the Subscription

**Resource Group:** Create New resource

**OS:** Windows

**App Service Plan/Location:** Create New App service plan

**Step 4:** Create New **App Service Plan/Location** & Create New service plan



**Step 5:** Enter **App Service Plan Name, Location & Pricing tier**.

New App Service Plan  
Create a plan for the web app

\* App Service plan  
azurewebappplan3 ✓

\* Location  
Central India ▼

\* Pricing tier  
S1 Standard >

**App Service Plan:** azurewebappplan3  
**Location:** Central India  
**Pricing tier:** S1 Standard  
(Note: According to requirement can select pricing tier. Later on, can change the pricing tier using web app settings)

**Step 6:** Creating new App Service Plan close the blade.

**Application Insights:** Off

Tick on Pin to dashboard option & Create New Web App

Web App  
Create

\* App name  
azurewebapp003 ✓  
.azurewebsites.net

\* Subscription  
MSDN Platforms ▼

\* Resource Group ⓘ  
☒ Create new ☐ Use existing  
WEBAPP3\_RG ✓

\* OS

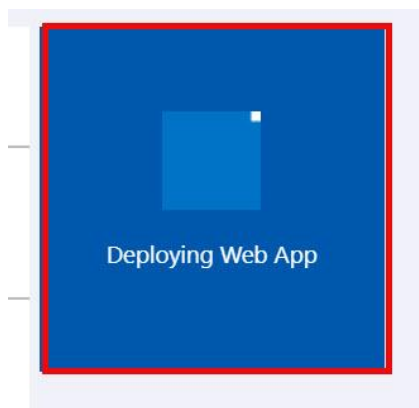
\* App Service plan/Location  
azurewebappplan3(Central India) >

Application Insights ⓘ

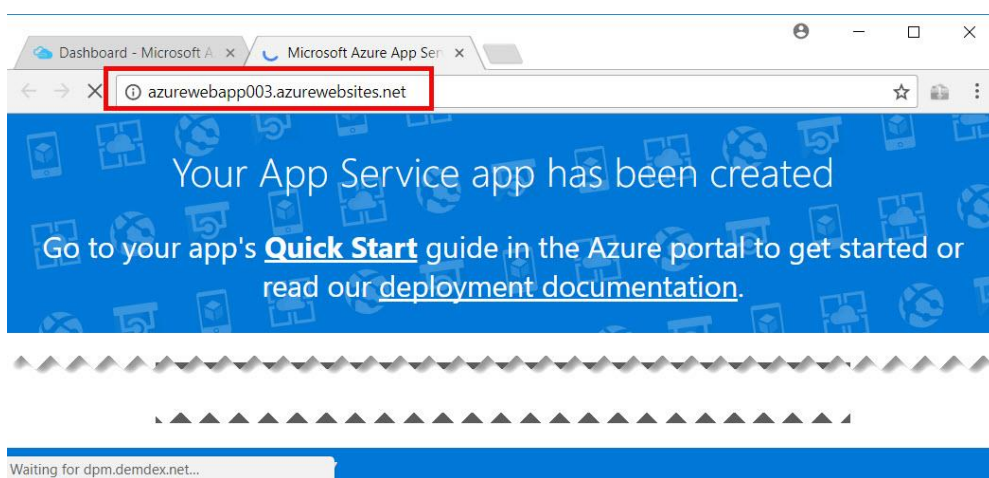
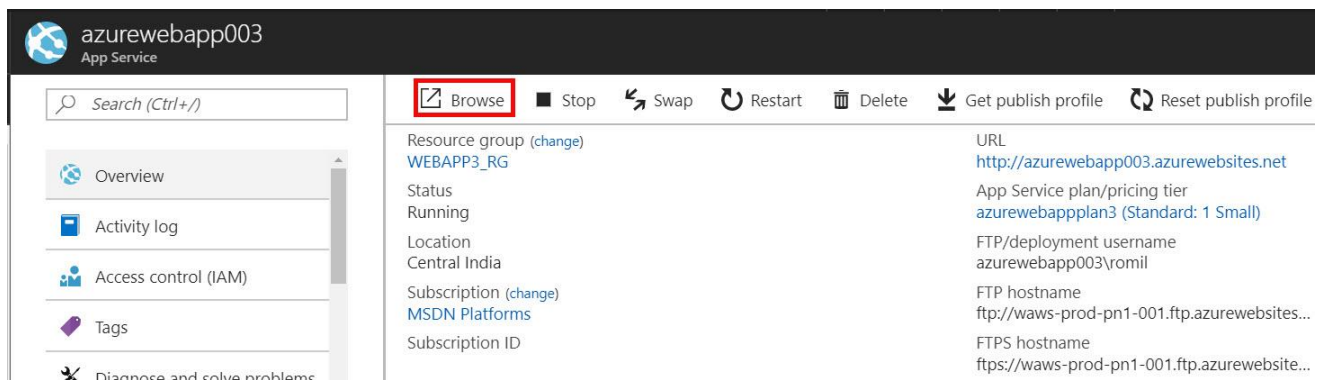
☒ Pin to dashboard

[Automation options](#)

It will take few seconds to deploy web app on Microsoft Azure

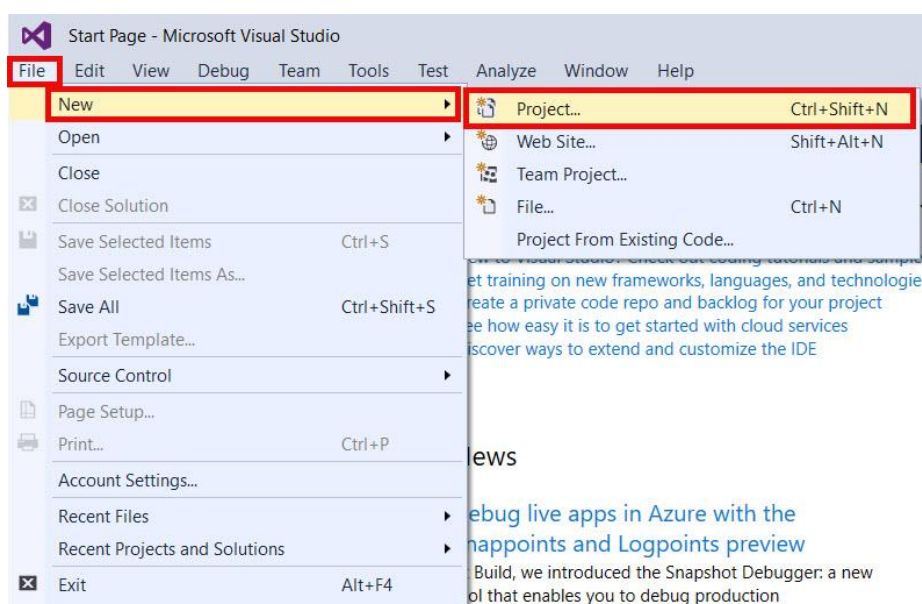


**Step 7:** Click on **Browse** option to run Azure Web App

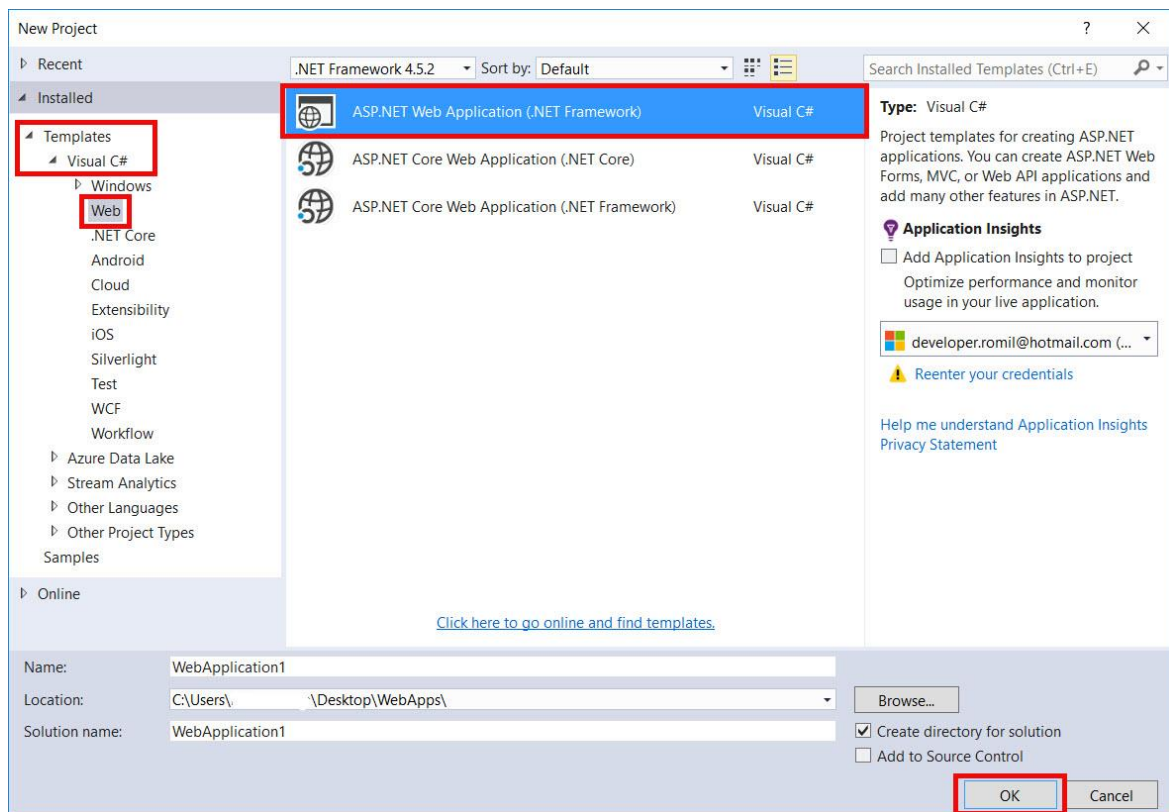


**Step 8:** Start Visual Studio 2015/2017

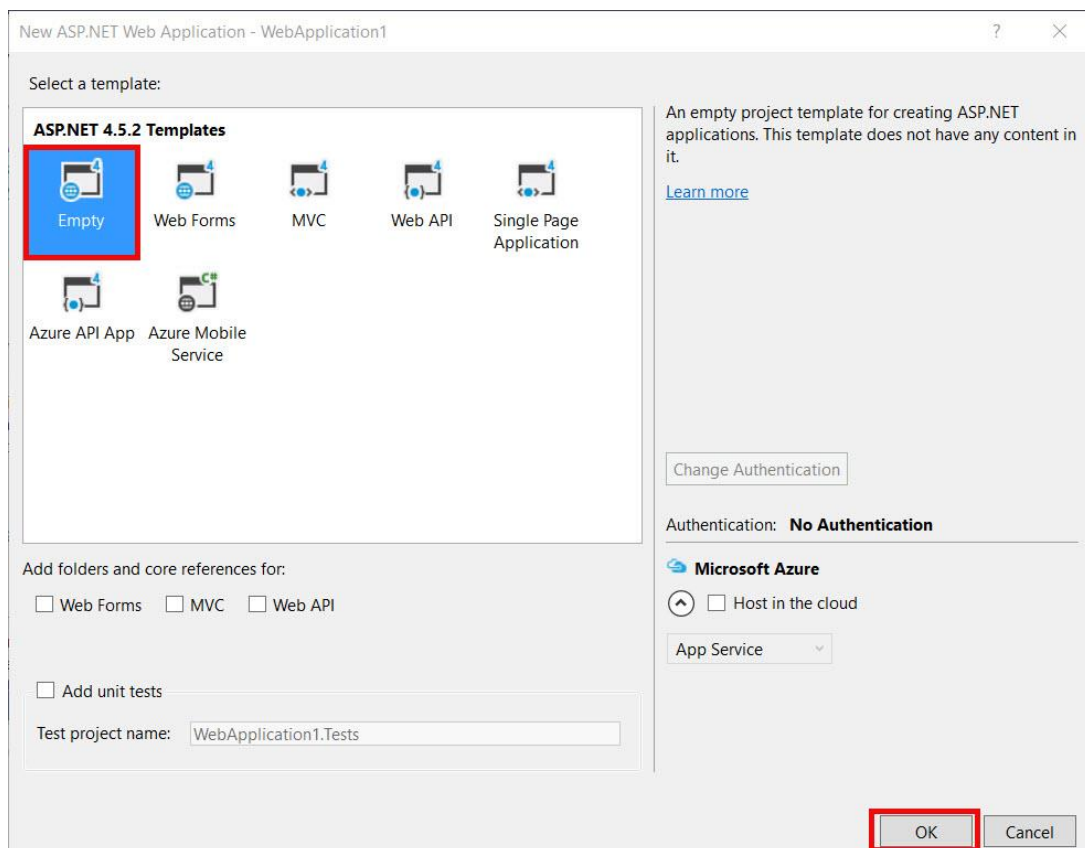
**File -> New -> Project**



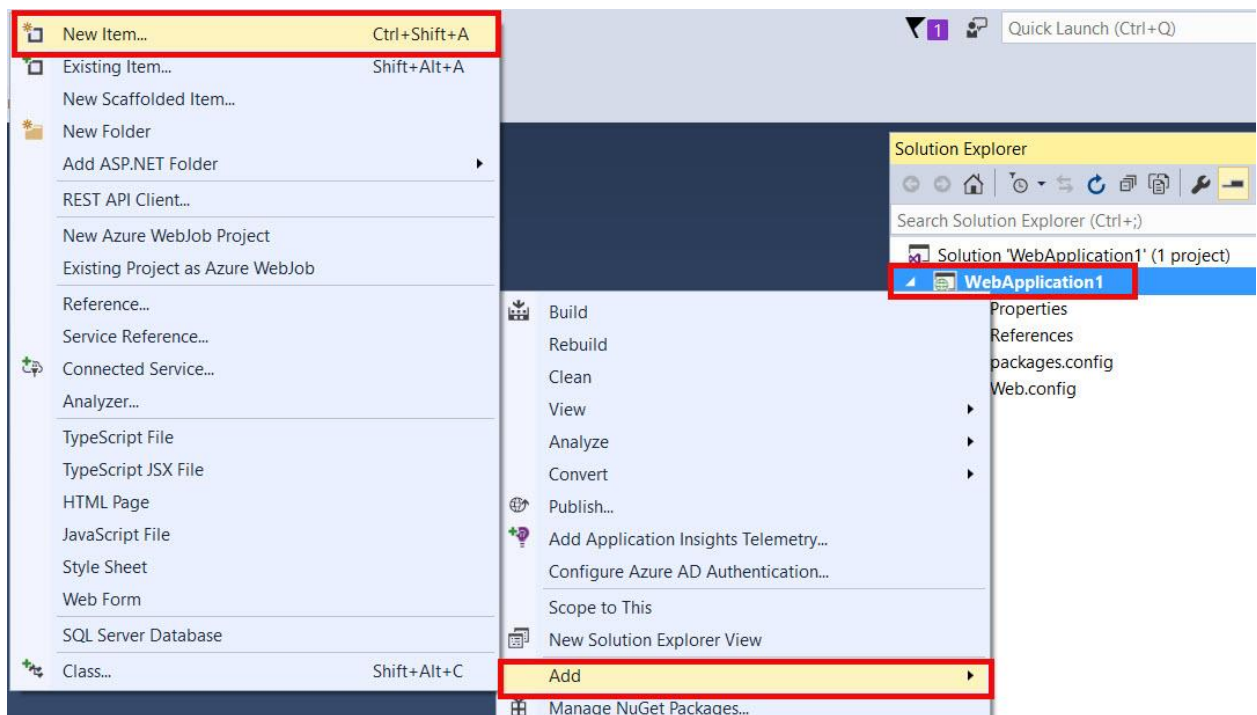
### Step 9: Choose Web from Template & select ASP.NET Web Application (.NET Framework)



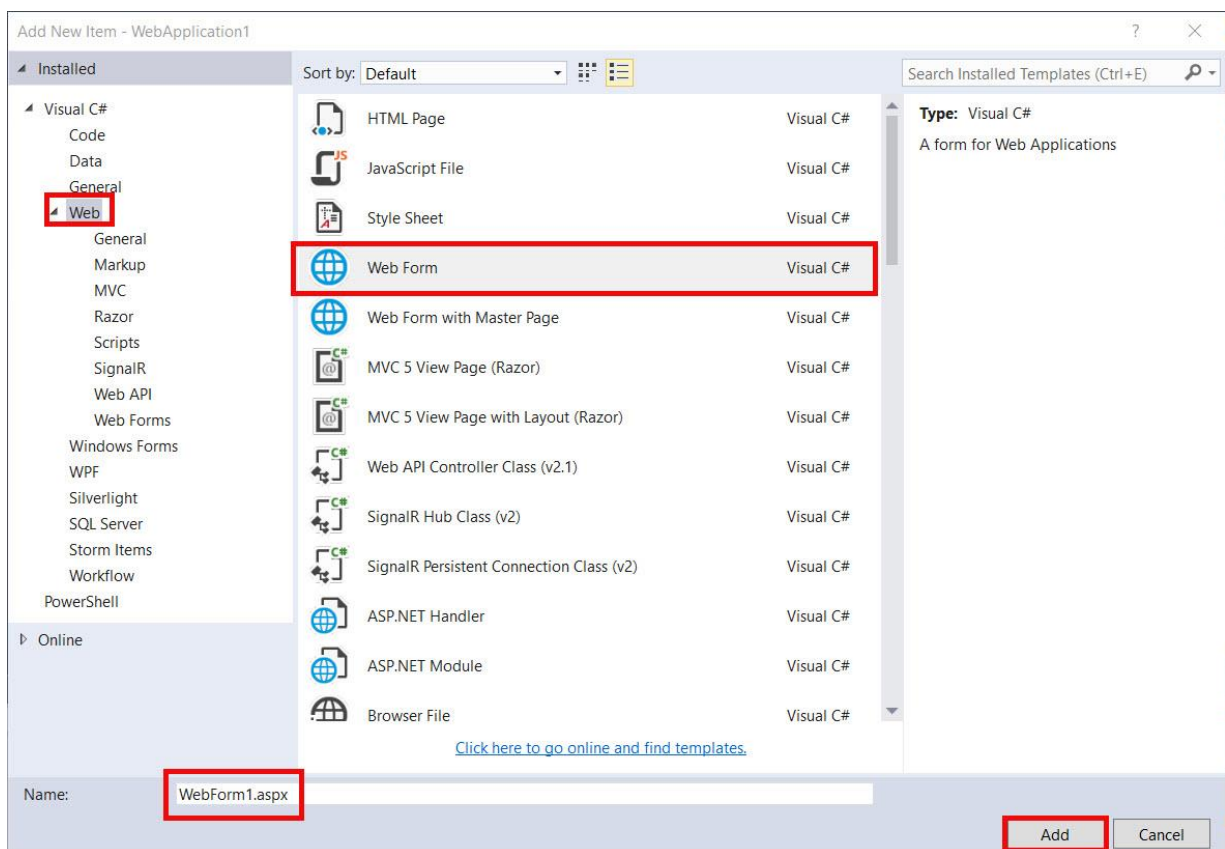
### Choose Empty template



**Step 10:** Right-click on Project name -> Add -> New Item....



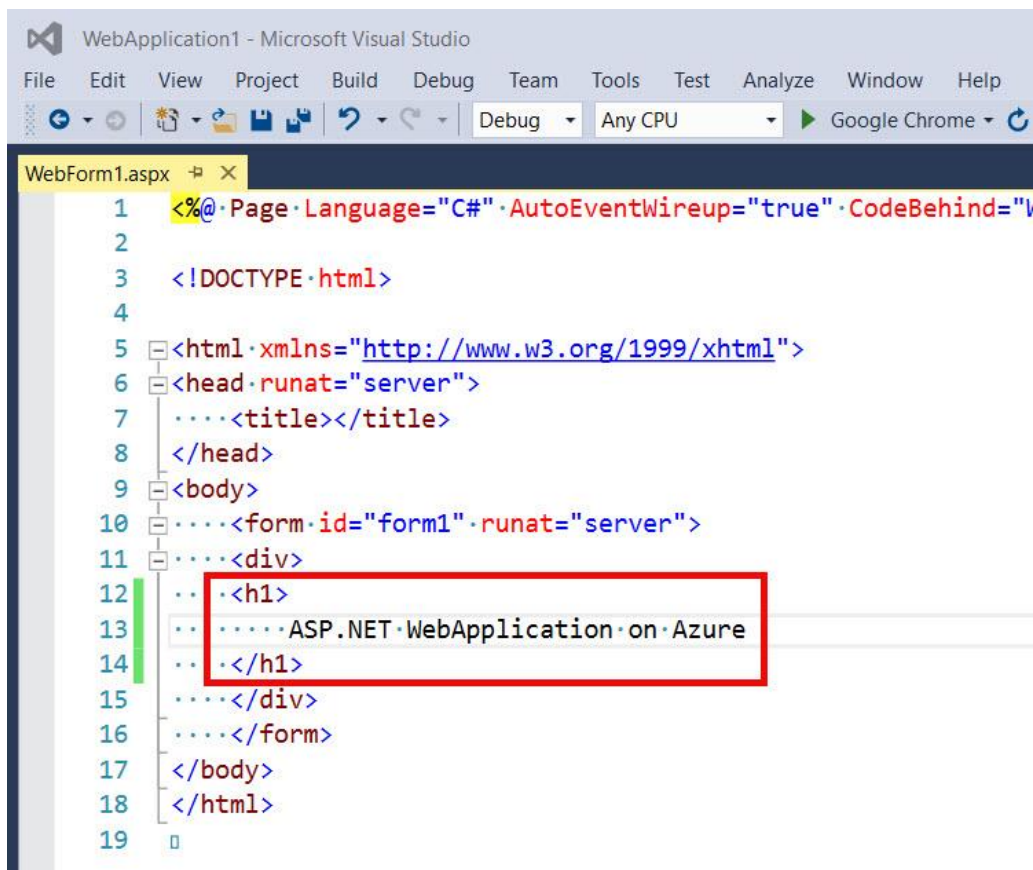
**Step 11:** Choose WebForm from list



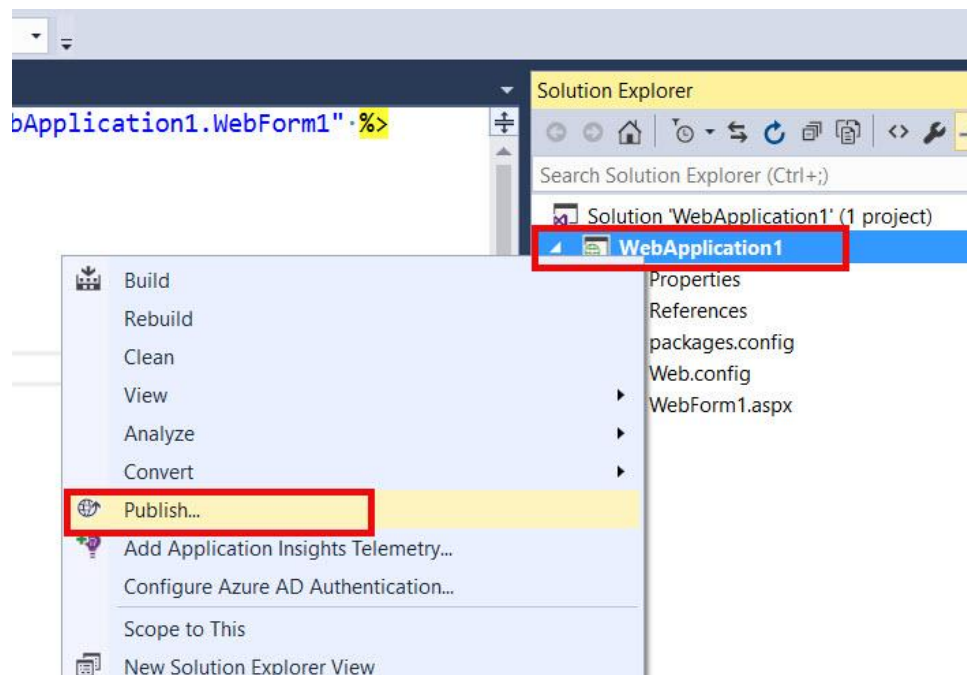


**Step 12:** Open WebForm1.aspx file & add yellow highlighted code

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title></title>
</head>
<body>
  <form id="form1" runat="server">
    <div>
      <h1>
        ASP.NET WebApplication on Azure
      </h1>
    </div>
  </form>
</body>
</html>
```



**Step 13:** Right-click on Project Name -> click on Publish... option

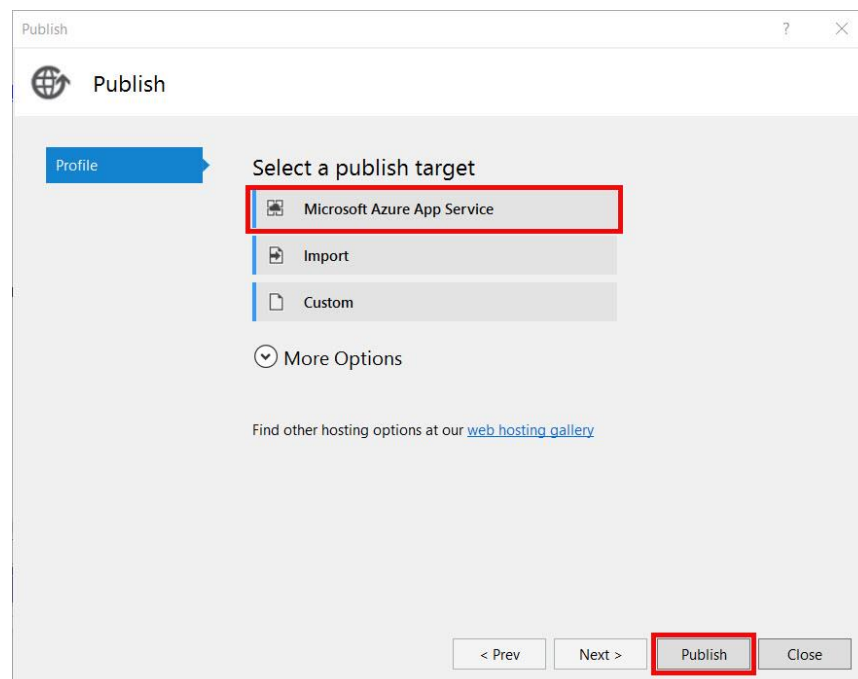


**Step 14:** Publish Dialog box will open

Different target option are available:

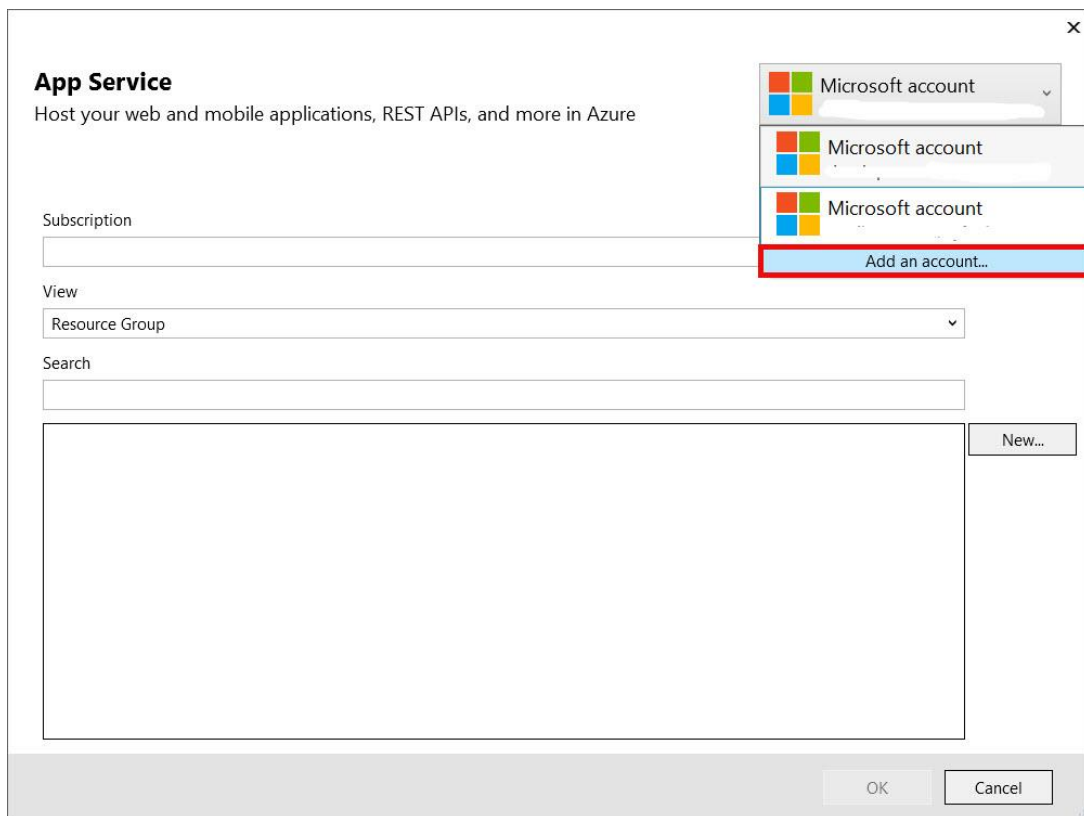
- 1) Microsoft Azure App Service
- 2) Import
- 3) Custom

Choose Microsoft Azure App Service option & click on Publish button



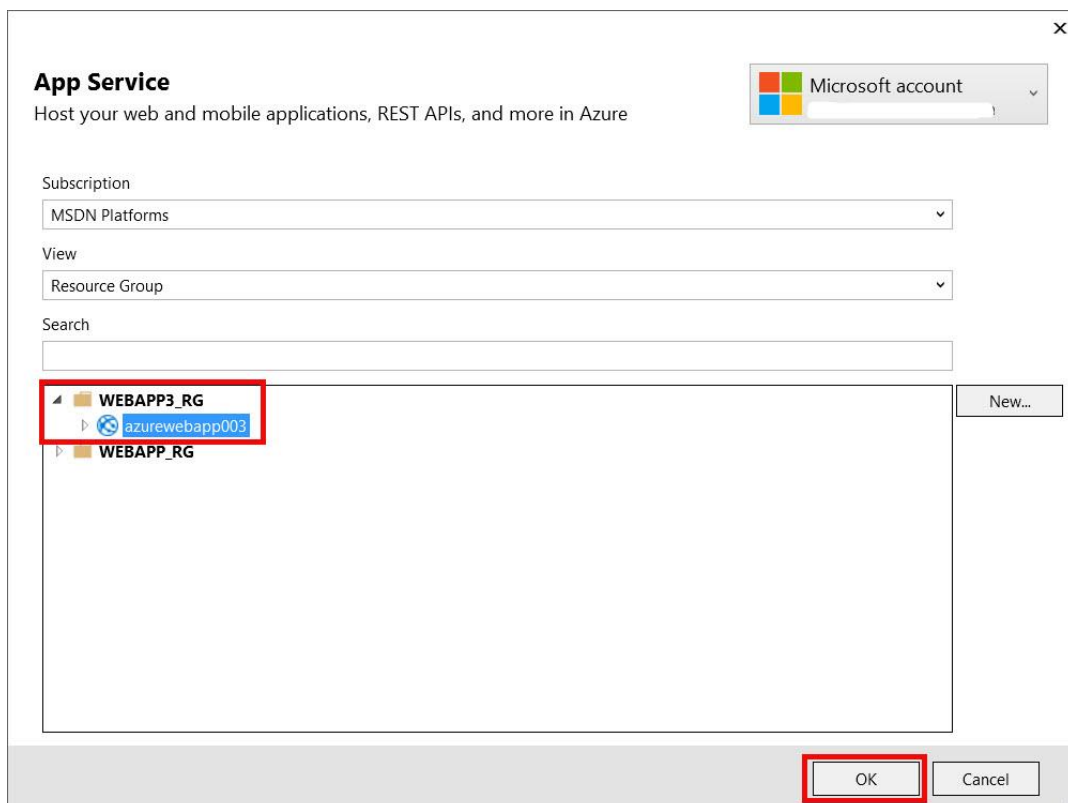


**Step 15:** Click on Add an account option & enter Microsoft Azure Subscription Credentials.



The screenshot shows the 'App Service' dialog box with the title 'App Service' and subtitle 'Host your web and mobile applications, REST APIs, and more in Azure'. On the right, there is a dropdown menu for 'Microsoft account' with three entries and an 'Add an account...' button highlighted with a red rectangle. The main area contains fields for 'Subscription', 'View' (set to 'Resource Group'), and 'Search'. A 'New...' button is on the right. At the bottom are 'OK' and 'Cancel' buttons.

**Step 16:** It will load all resource group & choose existing web app. Ex. azurewebapp003



The screenshot shows the 'App Service' dialog box with the title 'App Service' and subtitle 'Host your web and mobile applications, REST APIs, and more in Azure'. The 'Subscription' dropdown is set to 'MSDN Platforms'. The 'View' dropdown is set to 'Resource Group'. The 'Search' field is empty. The main area displays a list of resource groups under the heading 'WEBAPP3\_RG'. The resource group 'azurewebapp003' is highlighted with a red rectangle. A 'New...' button is on the right. At the bottom are 'OK' and 'Cancel' buttons, with the 'OK' button highlighted by a red rectangle.

**Step 17:** Web Deploy method option will load with all web app details like Server, Site name, Username, Password, Destination URL & click on Next button

Publish

Profile

Connection

Settings

Preview

**azurewebapp003 - Web Deploy**

Publish method: Web Deploy

Server: azurewebapp003.scm.azurewebsites.net:443

Site name: azurewebapp003

User name: \$azurewebapp003

Password: [Masked]

☒ Save password

Destination URL: http://azurewebapp003.azurewebsites.net

Validate Connection

< Prev **Next >** Publish Close

**Step 18:** Configuration: Release option & click on Next button

Publish

Profile

Connection

Settings

Preview

**azurewebapp003 - Web Deploy**

Configuration: Release

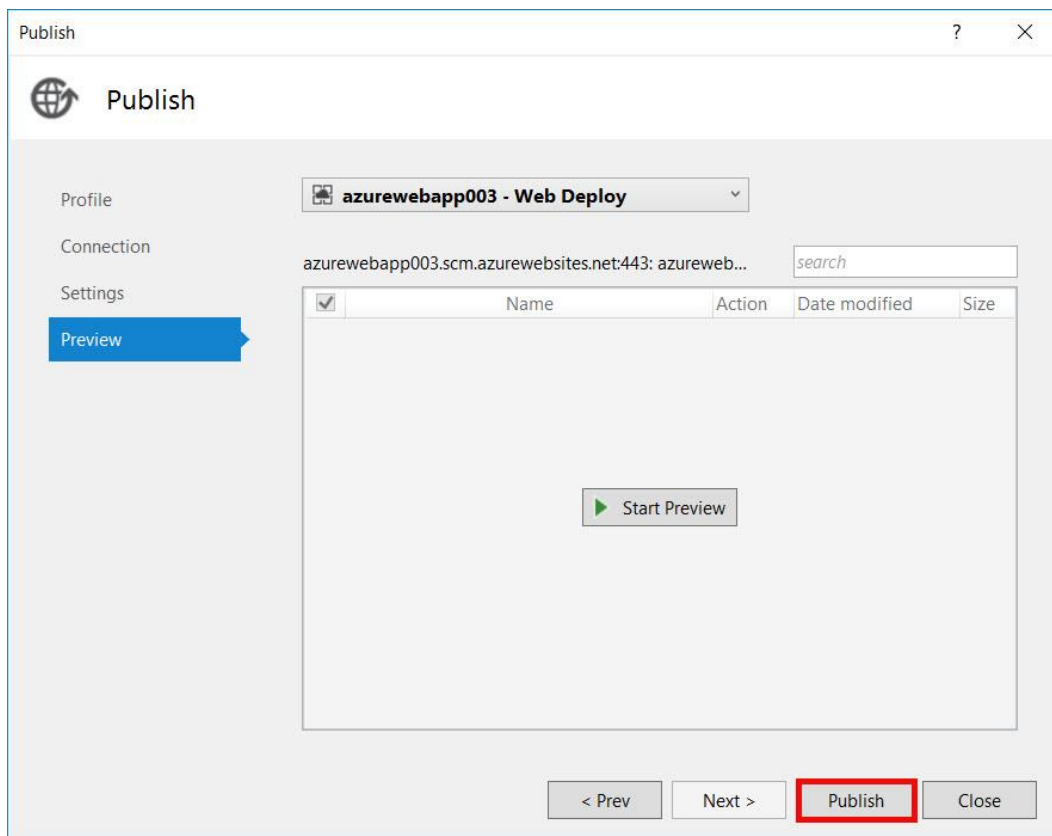
File Publish Options

Databases

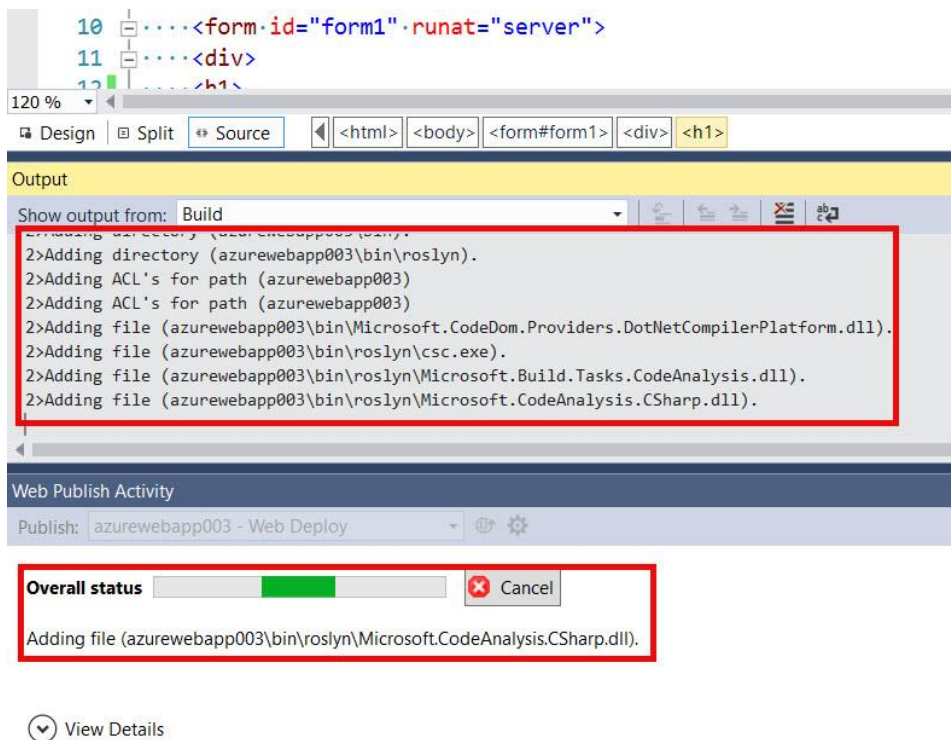
No databases found in the project

< Prev **Next >** Publish Close

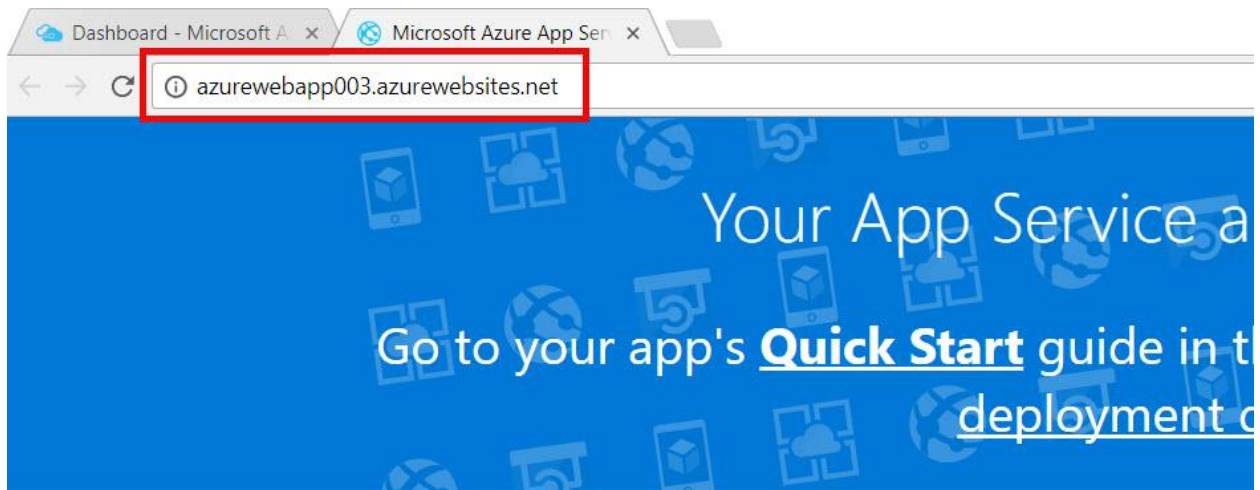
**Step 19:** Click on Publish button.



Output window will show all the uploading process.

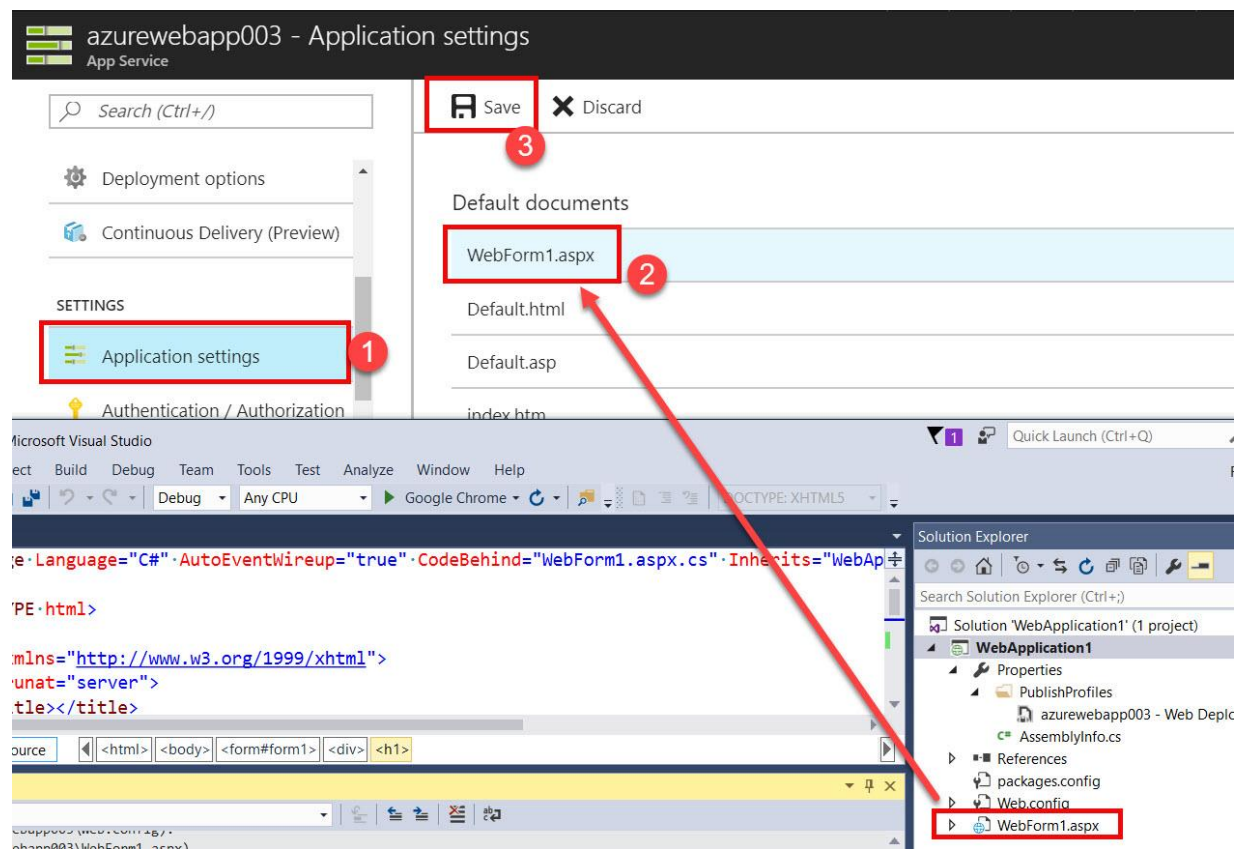


Automatic Web App will open in the browser

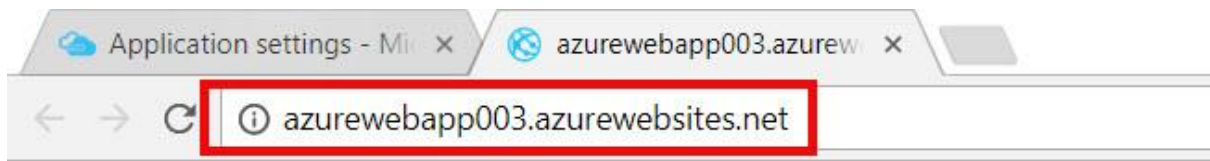


## Step 20: Navigate to Azure Portal

Select Application settings option & scroll down to Default documents. Edit page name with WebForm1.html



**Step 21:** Refresh Web App URL to get updated content.



## ASP.NET WebApplication on Azure