

Ex. No: 5	WEB APP USING MICROSOFT AZURE
Date:	

AIM

To create a simple web app in Microsoft Azure that displays "Hello World".

PROCEDURE

Requirements:

1. Microsoft Azure account (Free Trial)
2. GitHub account

Step 1: Sign In to Azure Portal-

Sign in/Create account to the Azure Portal using your G-Mail address. (<https://portal.azure.com>)

Step 2: Create a Web App-

1. In the Azure Portal, click on "Create a resource" in the left menu.
2. Search for "Web App" and select it.
3. Click "Create" and fill in the required details:
 - App name (must be unique)
 - Resource group (either select an existing one or create a new one)
 - Operating System (Windows)
4. Click and configure the runtime stack. (choose "Node.js"[Node 18 LTS]).
5. Click "Review + Create" to create the web app.

Step 3: Move to GitHub-

Sign in/Create to the GitHub using your G-Mail address. (<https://github.com>)

Step 4: Create Repository-

1. Click "New"
2. Fill Repository name
3. Choose Public option
4. Click "Add a README file"
5. Click "Create Repository"

Step 5: Create "Hello World" Simple HTML file-

1. Click "Add File" and Click "Create New File"
2. Type the coding:

```
<!DOCTYPE html>
<html>
<head>
  <title>Hello World</title>
</head>
<body>
  <h1>Hello World!!!</h1>
</body>
</html>
```

3. Save it as "index.html" and Click "Commit Changes"

Step 6: Deploy Your "Hello World" Code:

1. Once the web app and repository are created, go to the "Deployment Center" section in the Azure Portal.
2. Click to code source control system (Click External Git) to manually deploy your code.
3. Now go to GitHub, click "<>Code" and Copy the Clone Link.
4. Paste the copied link in Repository section.
5. Fill the Branch section as "main" and click 'public'.
6. Click Save to Deploy.

Step 7: Access Your Web App-

- After the deployment is successful, you can access your web app using the URL provided in the Azure Portal.

Step 8: Test Your "Hello World" Web App-

- Open a web browser and navigate to the URL of your web app.
- You should see "Hello, World" or your simple HTML content.

RESULT

Thus, the above Program has been executed and the output is verified successfully.