Worksheet-3

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Semester: 2　　　　　　　　　　　　**Date of Performance:13.03.2022**
Subject Name: Cloud Computing Lab　**Subject Code:** 22E-21CAP-686_21MCD-1_A

1. **Aim/Overview of the practical:** Create Web App in Azure and publish using third party tool

2. **Task to be done:**

 Create Web App in Azure and publish using Third Party Tool (Filezilla)

 Sol1.)

STEP1. Firstly we have to go the azure platform the link is **"azure.com"** and click on the **"Try Azure for free"** and then we do the login with our mail id and enter necessary details that asked by the platform .

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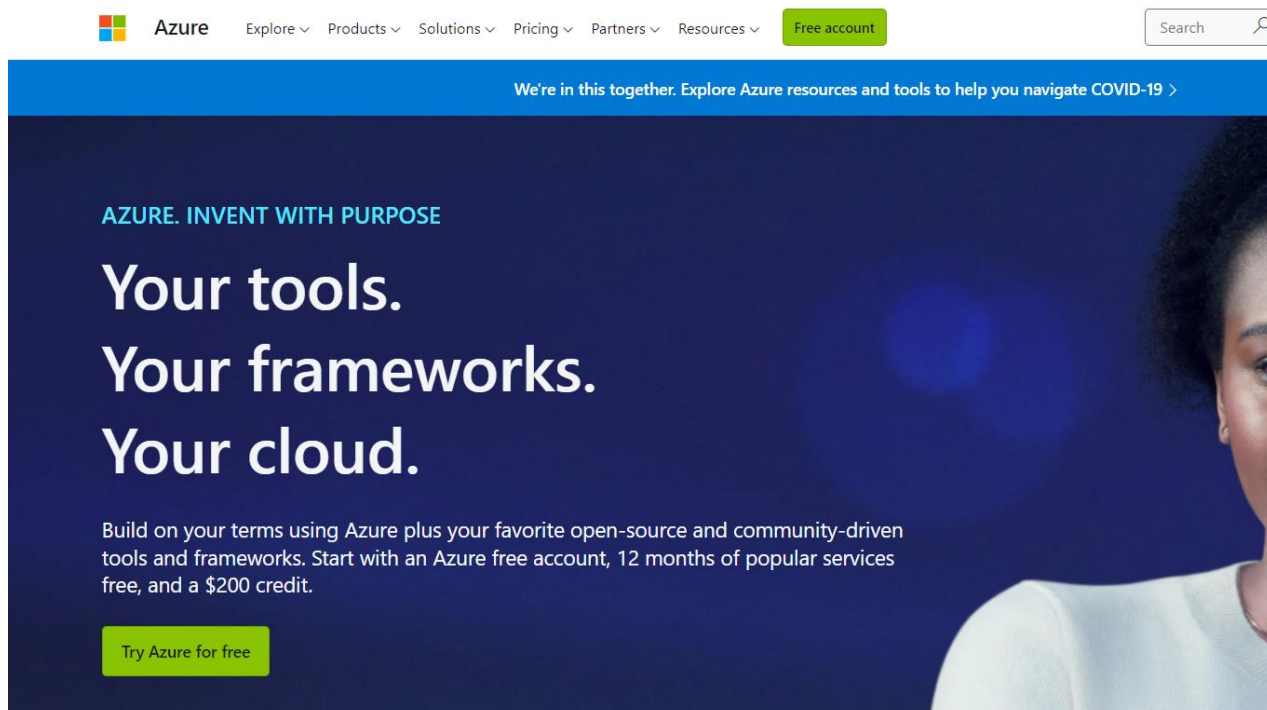
STEP 2 . After done with login., we see the full dashboard of azure platform and we see the there is various type of services provides by the this platform .
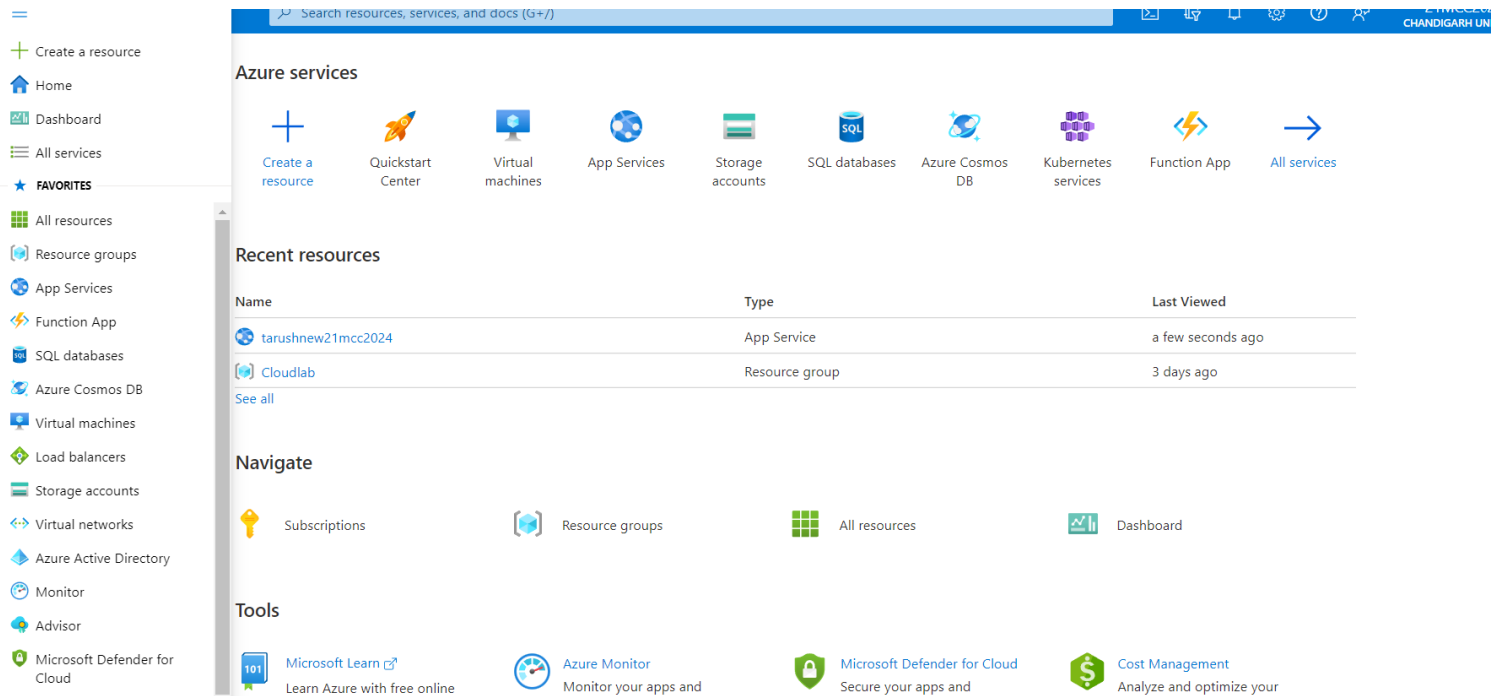
STEP 3. Now we have click on create a resource button and then we get search bar and then we type **"web app"** in that search box and then press enter and then we get this type of interface. We have to click on this **"marked"** icon.
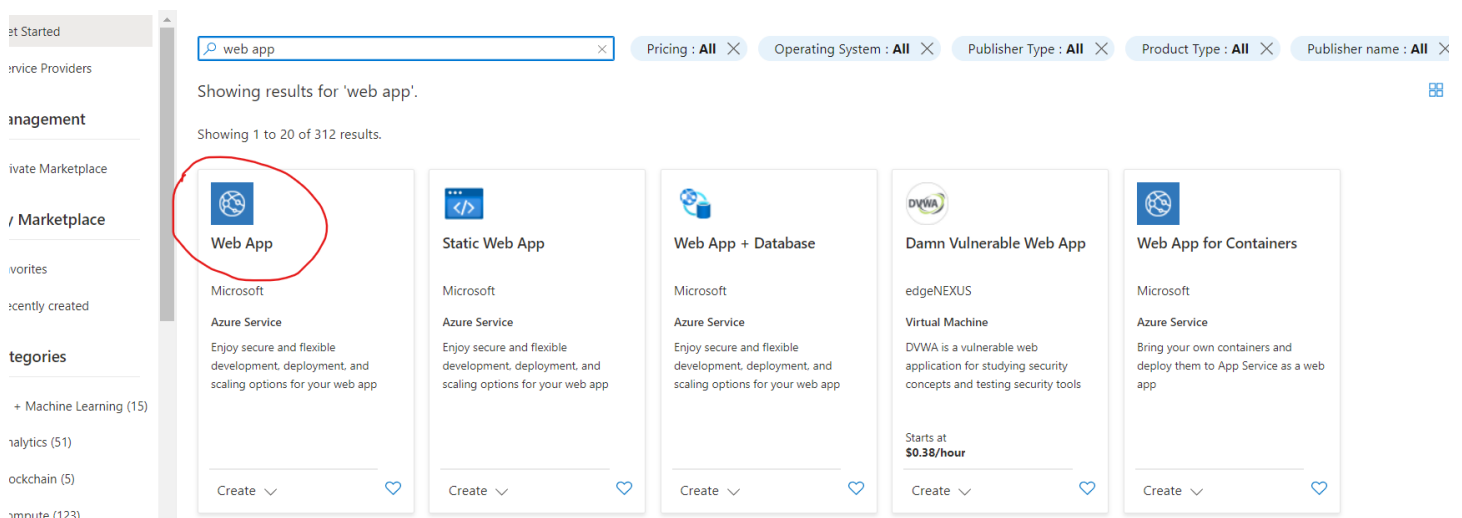
STEP 4. After clicking on **"web app"** option , we get the new interface and then there is **"create"** button on that page . After that clicking on that **"create"** button and we get this interface.

Basics Deployment Monitoring Tags Review + create

App Service Web Apps lets you quickly build, deploy, and scale enterprise-grade web, mobile, and API apps running on any platform. Meet rigorous performance, scalability, security and compliance requirements while using a fully managed platform to perform infrastructure maintenance. Learn more ⬀

Project Details

Select a subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ | Azure for Students   ⌄ |

        Resource Group * ⓘ | (New) Resource group   ⌄ |
                                  Create new

Instance Details

Need a database? Try the new Web + Database experience. ⬀

Name * | Web App name. |
                                                              .azurewebsites.net

Publish *   ● Code   ○ Docker Container   ○ Static Web App

Runtime stack * | Select a runtime stack   ⌄ |

[Review + create]   [< Previous]   [Next : Deployment >]

STEP5. In That there is resource group in which we add the group in which under our website is listed . we have to click on create new button and enter the resource group name as your wish .

        Resource Group * ⓘ | Cloudlab   ⌄ |
                                  Create new

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STEP 6. Then in the next section we have to give the website name according to your requirement as I give **"tarush21mcc2024" .** Then there is a run time stack option in which we have to select the **".NET CORE 3.1 (LTS) " .** Then we have an option of region in this we have to select the **"Central India Option"** .

Instance Details

Need a database? Try the new Web + Database experience.

Name *	tarush21mcc2024 ✓
	.azurewebsites.net
Publish *	● Code ○ Docker Container ○ Static Web App
Runtime stack *	.NET Core 3.1 (LTS) ⌄
Operating System *	○ Linux ● Windows
Region *	Central India ⌄
	ⓘ Not finding your App Service Plan? Try a different region or select your App Service Environment.

STEP 7. After that Click on button **"Review & Create"** and then we get new interface and we check again the settings what we do . after ensuring everything is good we click on button **"create"**. and if we have to change the setting click on the **"previous"** button.

Continuous deployment   Not enabled / Set up after app creation

[Create]   [< Previous]   [Next >]   Download a template for automation

STEP8. After clicking on **"create"** button we have to wait for some time . because system take some time for doing deployment . After deployment complete we get this type of message .

STEP 9. Then go the **"go to resources"** button after clicking that button .you get again the new interface in which there full detail of hosting you get from azure as like status , location ,website URL , resource group.

STEP10.   Then we click on **"Get publish profile"** link that be appear on menu bar . Then we get the notepad file in which we get the FTP URL and user id and user password from which we add our website file to our third party tool

STEP11. Now we have to download the **"FileZilla-Client"** . Go to google type Filezilla-client and download this
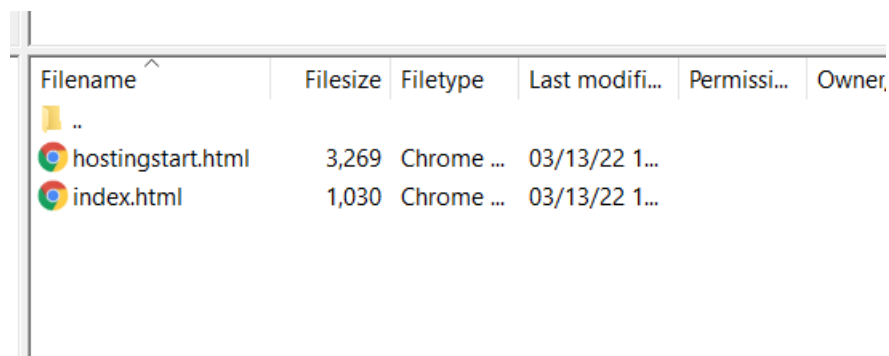

STEP12. Now we open the filezilla client and we get this type of interface in which we have to paste the ftp username and password and **don't forget to write port number that is 21**

File Edit View Transfer Server Bookmarks Help

Host: waws-prod-pn1-(Username: ush21mcc2024 Password: ••••••••••• Port: [   ] Quickconnect ▼

Status: Retrieving directory listing of "/site/wwwroot"...
Status: Calculating timezone offset of server

STEP13. After filling the details you have to click on connect . you get the two files

Remote site: /site/wwwroot

? /
  ? site
      wwwroot

Filename	Filesize	Filetype	Last modifi...	Permissi...	Owner/Gr...
..					
hostingstart.html	3,269	Chrome ...	03/13/22 1...		
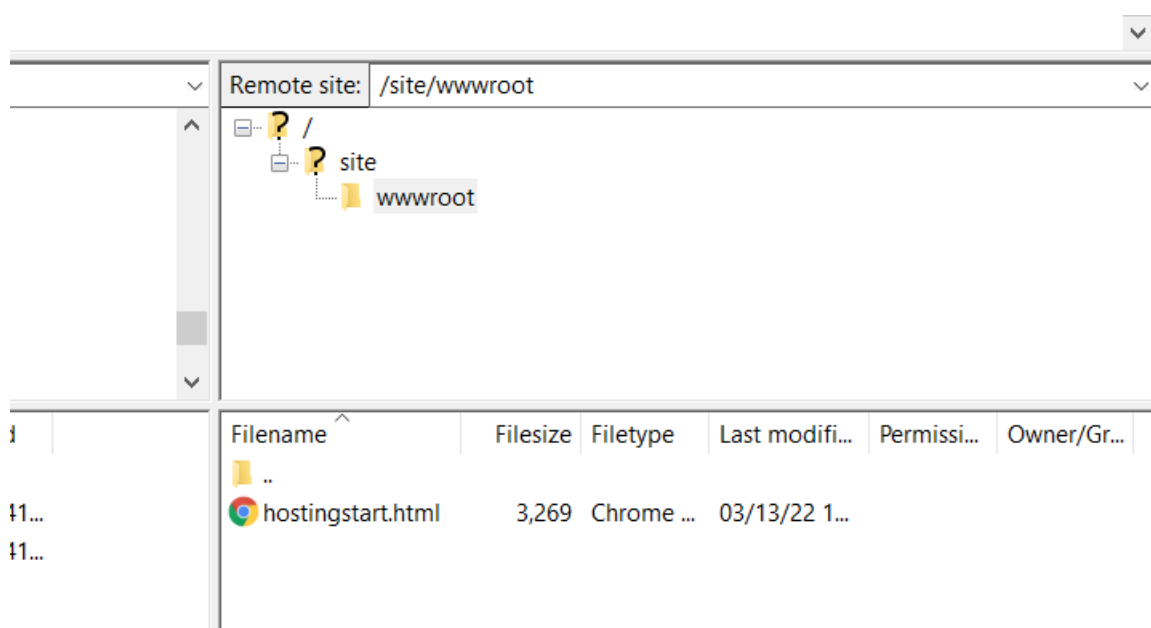
In this folder you have to copy your index.html file in this .

Filename	Filesize	Filetype	Last modifi...	Permissi...	Owner
..					
hostingstart.html	3,269	Chrome ...	03/13/22 1...		
index.html	1,030	Chrome ...	03/13/22 1...		

STEP14. Now go back to azure click to link that azure provided you get your desired website appear .

Learning outcomes (What I have learnt):

1. Learn about how to deploy the website on azure using third party tool(Filezilla)

Evaluation Grid:

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.	Worksheet		10
2.	Demonstration/Performance /Pre Lab Quiz		5
3.	Post Lab Quiz		5