

## Worksheet-6

**Student Name:** Tarush Aggarwal  
**Branch:** MCA CC&DevOps  
**Semester:** 2  
**Subject Name:** Cloud Computing Lab

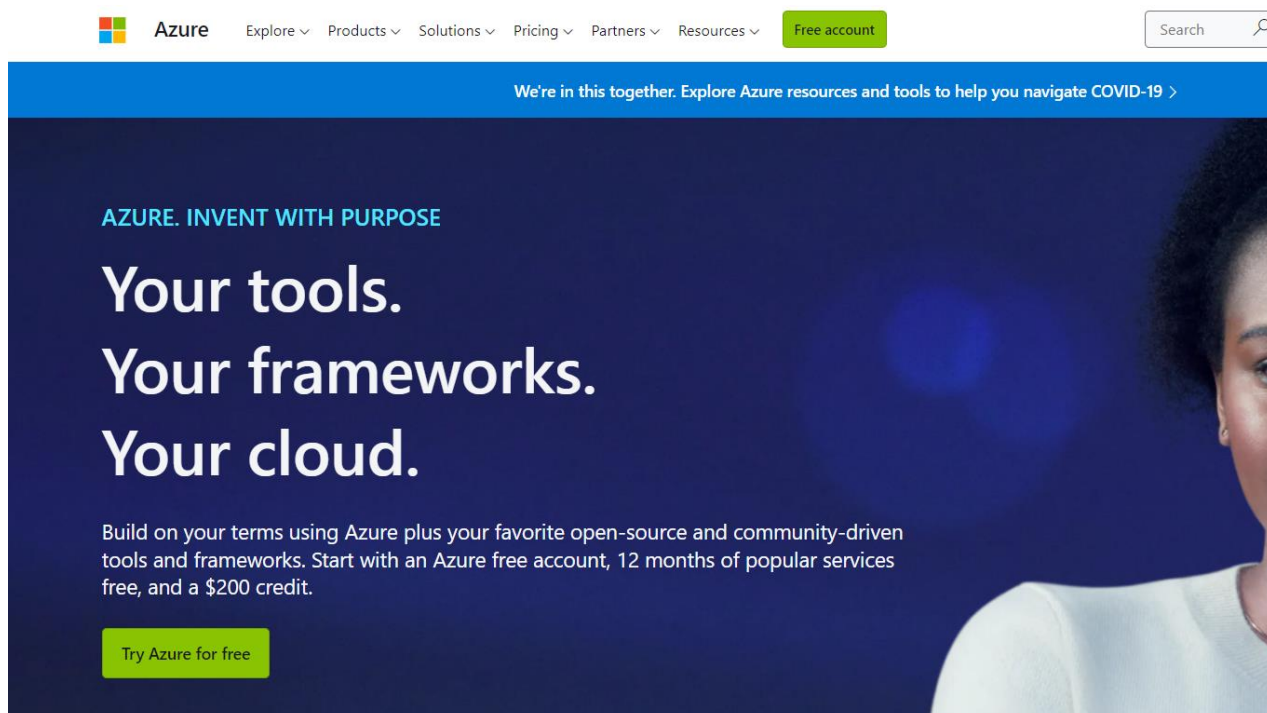
**UID:**21MCC2024  
**Section/Group:** A  
**Date of Performance:**30.03.2022  
**Subject Code:** 22E-21CAP-686\_21MCD-1\_A

1. Aim/Overview of the practical: Create a WordPress blog using azure
2. Task to be done:

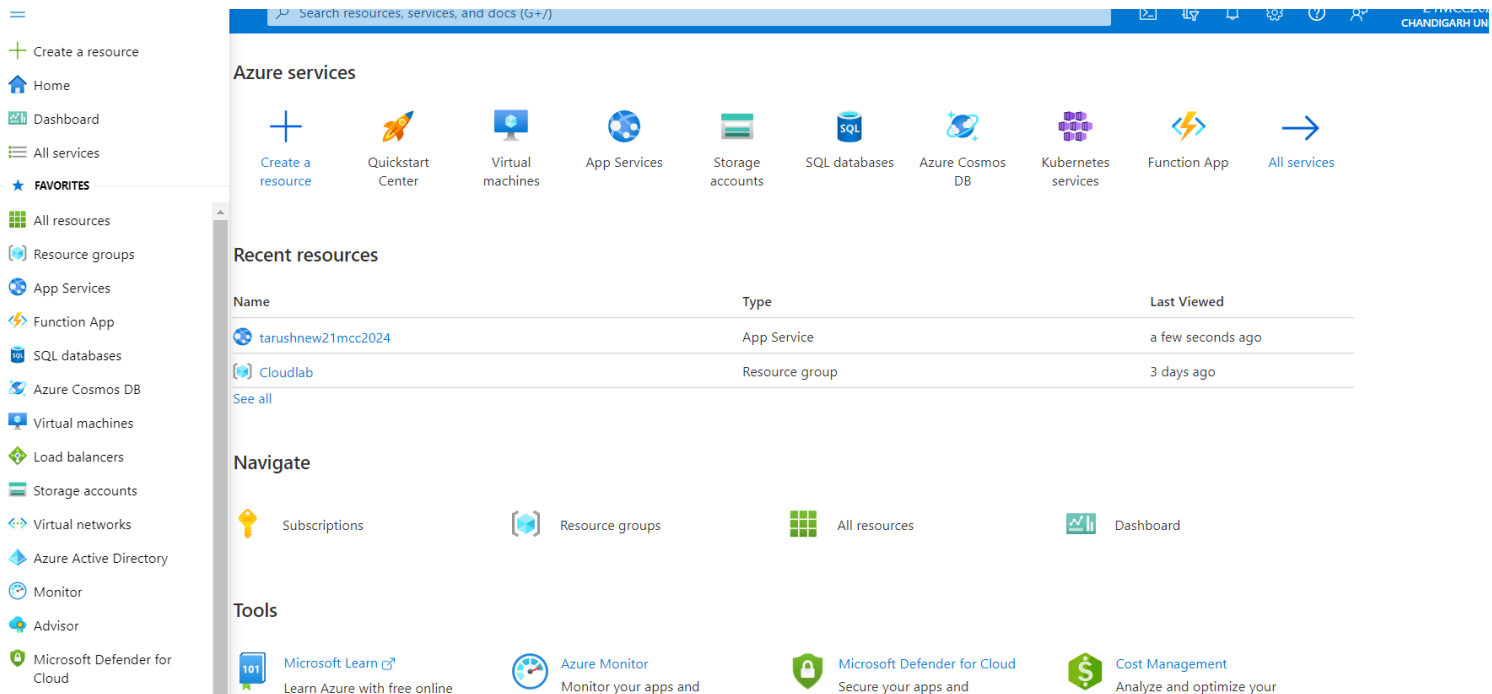
**Create a Word Press blog using azure**

**Sol1.)**

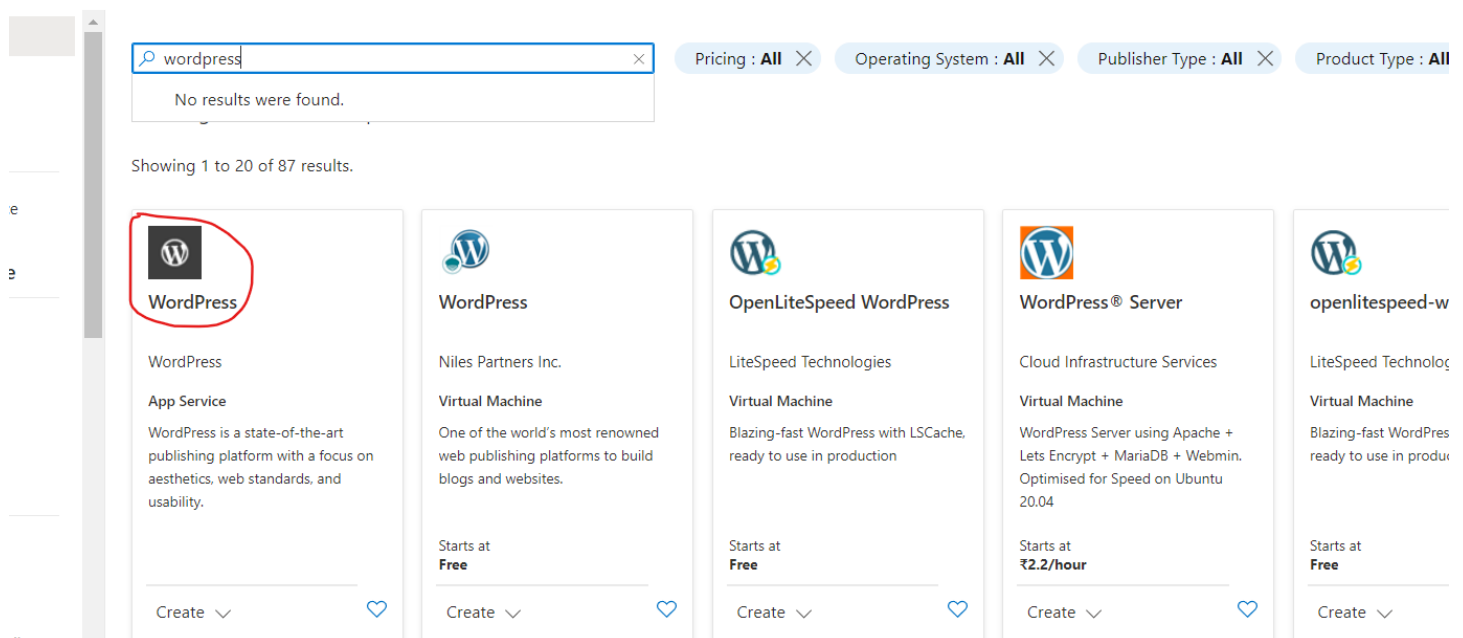
**STEP1.** Firstly we have to go the azure platform the link is “**azure.com**” and click on the “**Try Azure for free**” and then we do the login with our mail id and enter necessary details that asked by the platform .



**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 “WordPress ” 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 “**Word Press**” 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.

## Create Wordpress on App Service ...

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](#)

Region \*

Australia Central

### Instance Details

Name \*

Web App name.

.azurewebsites.net

Operating System \*

☒ Windows ☐ Linux (preview)

**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](#)

**STEP 6.** Then in the next section we have to give the region name that we have to select the **“East Asia”** and then give the name of the website according to your wish . as like I give my website name is **“Tarushaggarwal”** . Then select the operating system **“Windows”**

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### 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 \* ⓘ Cloudlab ▼  
[Create new](#)

Region \* East Asia ▼



### Instance Details

Name \* tarushaggarwal ✓  
.azurewebsites.net

Operating System \* ☒ Windows ☐ Linux (preview)

[Review + create](#) [< Previous](#) [Next : Tags >](#)

**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. In the last we get the details of database we should we have to copy to notepad for further use .

Engine	MySQL - Flexible Server (5.7)
Compute tier and size	Burstable, B2s (2 vCores, 4GiB RAM, 128GB storage, 700 IOPS)
Region	East Asia
Server name	tarushagga-58a7cf59bb664667b4e789b18ddb1d78-dbserver
Database name	tarushagga_58a7cf59bb664667b4e789b18ddb1d78_database
Username	duzqzrcorr
Password	*****  



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 .

### ✓ Your deployment is complete



Deployment name: Microsoft.Web-Wordpress-Portal-e375d973-ba...  
Subscription: [Azure for Students](#)  
Resource group: [Cloudlab](#)

Start time: 3/30/2022, 10:31:54 PM  
Correlation ID: b731e7d3-dfb7-42fe-8afe-5bd27b43ef3e

✓ Deployment details ([Download](#))

^ Next steps

[Go to resource](#)

**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.

[Browse](#) [Stop](#) [Swap](#) [Restart](#) [Delete](#) | [Refresh](#) [Get publish profile](#) [Reset publish profile](#) [Share to mobile](#) [Send us your feedback](#)

^ Essentials

[JSON View](#)

Resource group ( <a href="#">move</a> )	: <a href="#">Cloudlab</a>	URL	: <a href="https://tarushaggarwal.azurewebsites.net">https://tarushaggarwal.azurewebsites.net</a>
Status	: Running	Health Check	: <a href="#">Not Configured</a>
Location	: East Asia	App Service Plan	: <a href="#">ASP-Cloudlab-a218 (F1: Free)</a>
Subscription ( <a href="#">move</a> )	: <a href="#">Azure for Students</a>	External Repository Project	: <a href="https://github.com/azureappserviceoss/wordpress-azure">https://github.com/azureappserviceoss/wordpress-azure</a>
Subscription ID	: ef2b63c2-bd8d-4ad8-9d63-8dcd2472462a		
Tags ( <a href="#">edit</a> )	: <a href="#">Click here to add tags</a>		



**Diagnose and solve problems**  
Our self-service diagnostic and troubleshooting experience helps you identify and resolve issues with your web app.



**Application Insights**  
Application Insights helps you detect and diagnose quality issues in your apps, and helps you understand what your users actually do with it.



**App Service Advisor**  
App Service Advisor provides insights for improving app experience on the App Service platform. Recommendations are sorted by freshness, priority and impact to your app.

Http 5xx



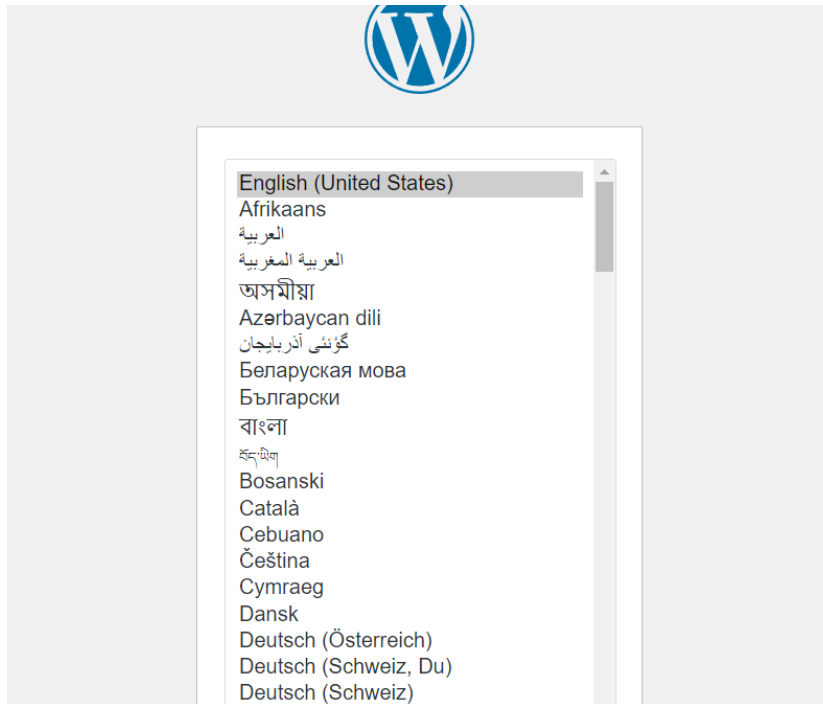
Data In



Data Out



**STEP10.** After that click on URL given on azure portal  
“<https://tarushaggarwal.azurewebsites.net>” . then you get the wordpress interface like that  
firstly it ask to choose the language of wordpress .Select the “**English**”



**STEP11.** Now we have to press continue. Then we get one more interface in which we have to give the “site title” “username” “password”

### Information needed

Please provide the following information. Don't worry, you can always change these settings later.

Site Title

Cloud Wordpress

Username

wordpress

Usernames can have only alphanumeric characters, spaces, underscores, hyphens, periods, and the @ symbol.

Password

wordpress@2022

Hide

Weak

**Important:** You will need this password to log in. Please store it in a secure location.

Confirm Password

☒ Confirm use of weak password

Your Email

tarushaggarwal18@gmail.com

Double-check your email address before continuing.

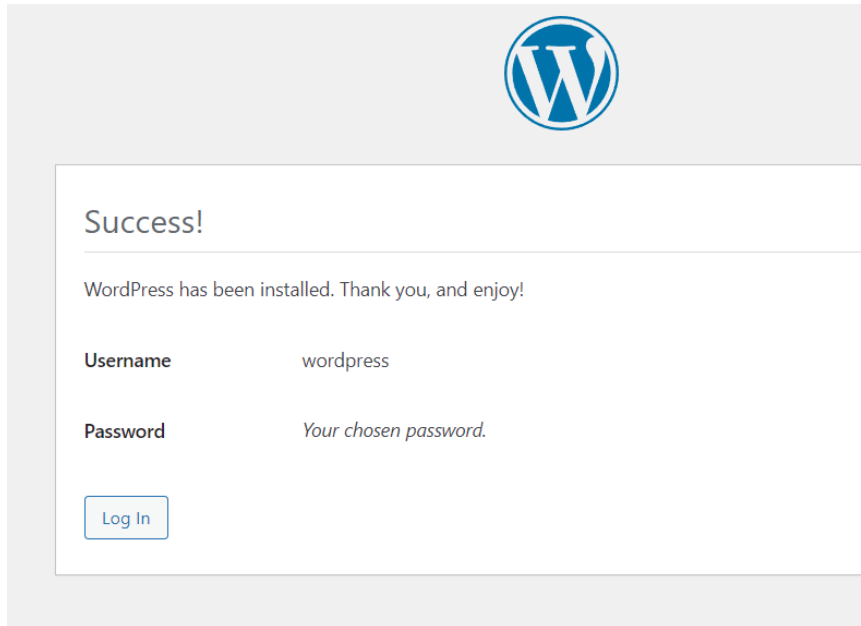
Search engine visibility

☐ Discourage search engines from indexing this site

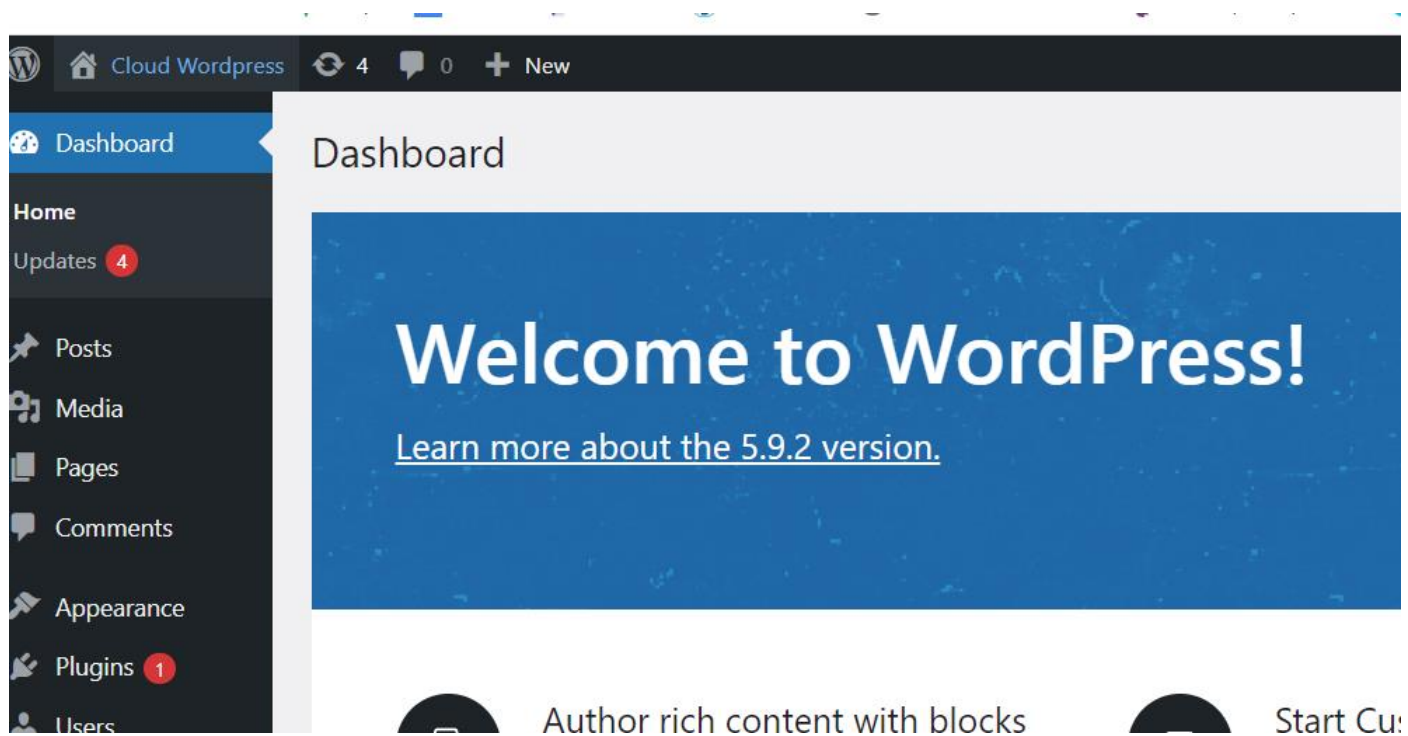
It is up to search engines to honor this request.

Install WordPress

**STEP12.** Click on Install Wordpress and your successfully wordpress be install .

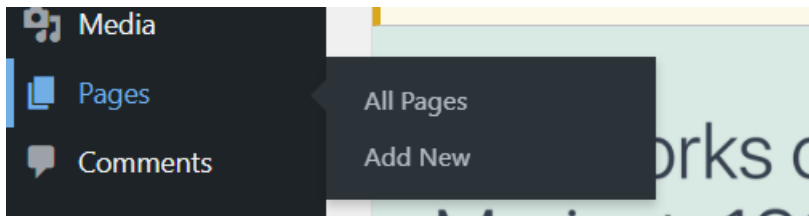


**STEP13.** Now login to wordpress using same userid and password you give in last step and after that you get the amazing dashboard of wordpress

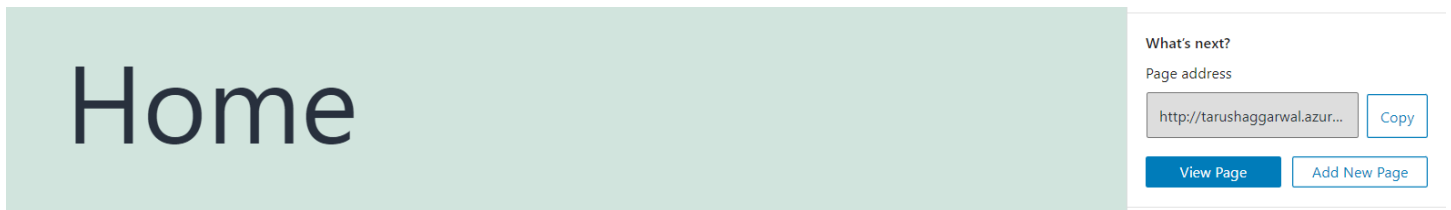




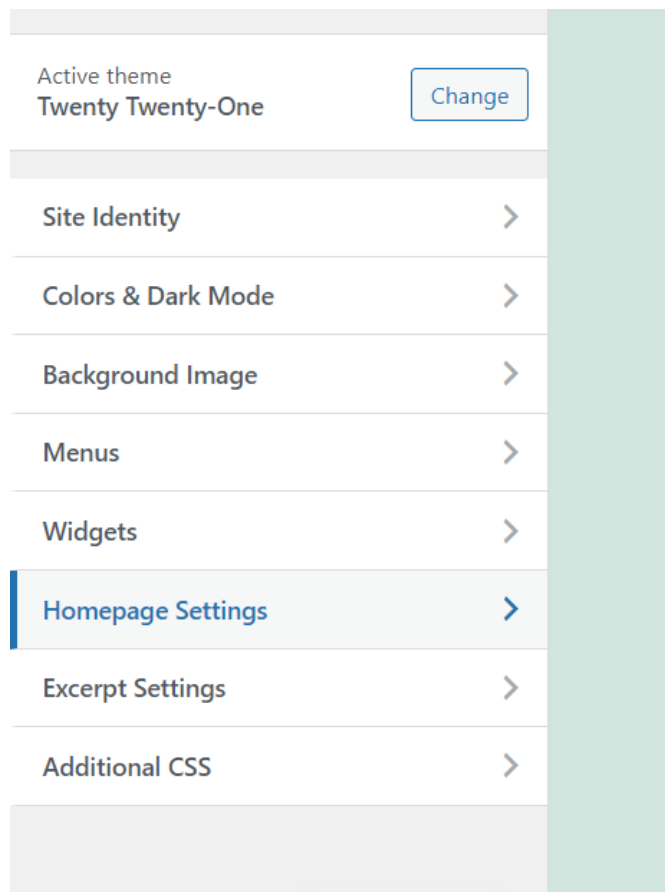
**STEP14.** Now we have to go to apperance option in which get the customise option from where we set the home page of the website .For that firstly we have to make the page



In this we have to click on add new button then we have to give the name of our new page that is of your choice then press on publish button



Now go to customise option for changing the home page .Click on the Homepage setting button then click on static page and then select your home page and then click on publish button







**STEP15** . Now we have to make blog on wordpress for that add some post . For that go the dashboard of wordpress .Click on Post and then click on add new button .

# Cloud is Future

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With technological advances, the future is set to be highly competitive and agility is the need of the hour. With cloud computing, organizations can save money on storage, servers and

What's next?

Post address

http://tarushaggarwal.azure...

Copy

View Post

Add New Post

^ Essentials

Resource group (move) : [Cloudlab](#)

Status : Stopped

Location : Central India

Subscription (move) : [Azure for Students](#)

Subscription ID : ef2b63c2-bd8d-4ad8-9d63-8dcd2472462a

Tans (edit) · [Click here to add tans](#)

URL : <https://tarush21mcc2024.azurewebsites.net>

Health Check : [Not Configured](#)

App Service Plan : [ASP-Cloudlab-8ae3 \(F1: Free\)](#)

External Repository Project : <https://github.com/tarush18/mcc2022>

JSON View

As like that add 4-5 post

All (4)   Published (4)			
Bulk actions ▼	Apply	All dates ▼	All Categories ▼ Filter
<input type="checkbox"/> Title	Author	Categories	Tags
<input type="checkbox"/> Disadvantages of cloud	wordpress	Uncategorized	—
<input type="checkbox"/> Advantages of Cloud	wordpress	Uncategorized	—
<input type="checkbox"/> Cloud is Future	wordpress	Uncategorized	—
<input type="checkbox"/> Hello world!	wordpress	Uncategorized	—

**STEP16.** Now go to setting from dashboard click on the reading option from that setting and select post page as home page . And Blog page is ready . Your all Post is displayed on home page

## Disadvantages of cloud

- data loss or theft.
- data leakage.
- account or service hijacking.
- insecure interfaces and APIs.
- denial of service attacks.
- technology vulnerabilities, especially on shared environments.

[Edit](#)

## Leave a comment

Comment \*

Post Comment



**Learning outcomes (What I have learnt):**

- 1. Learn about how to make wordpress blog with the help of azure**

**Evaluation Grid:**

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