

Experiment - 11

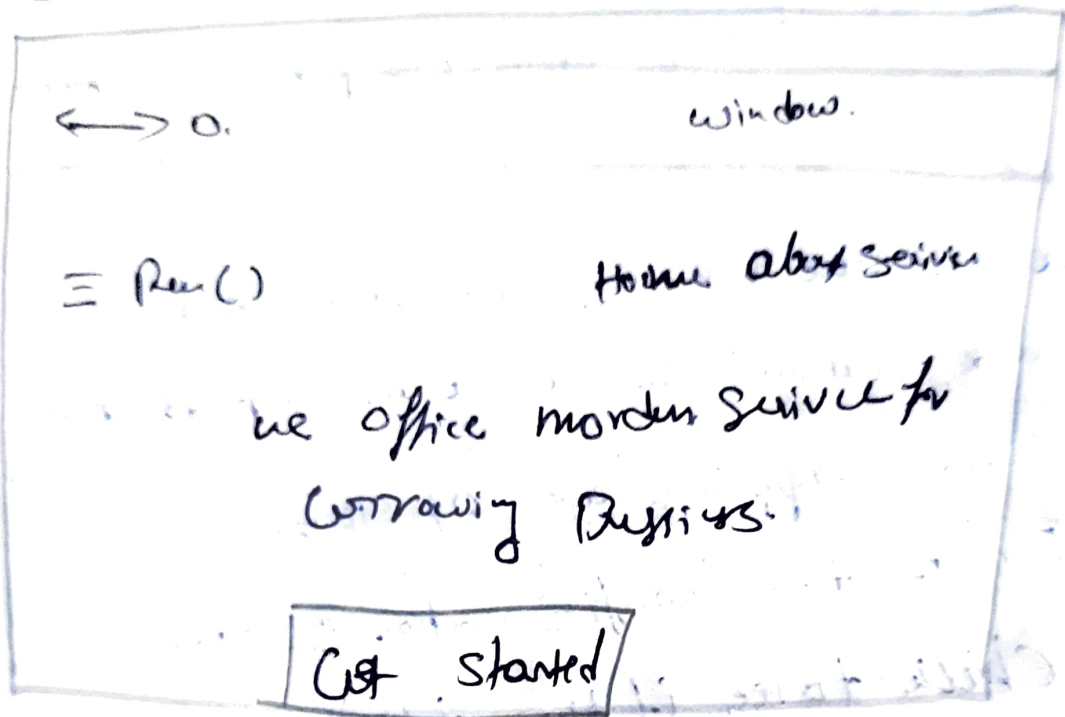
Aim: To Demonstrate infrastructure of a service by creating a virtual machine using a microsoft Azure.

Procedure:

- * Create an account in Microsoft Azure portal.
- * Create new resource and deploy:
- * Create a new virtual network & deploy it.
- * Create a new virtual machine.
- * Under basics → select resources group and select preferred region.
- * Select image → windows 2016 server.
- * Select size — 1v CPU and 3.5GB.
- * Give proper Administration user name & password.
- * Configure disk networking.
- * Review & create the VM, identify IP number.
- * Launch the VM & test its functionality.

Result: The virtual machine with windows operating system has been launched and tested with RDP using allocated IP number.

Out Full



Experiment - 12

Aim: To create a simple web application & host it in any Public Cloud Service provider using Microsoft Azure.

Procedure:

- * Launch the app service in Microsoft Azure Portal.
- * Give valid web name.
- * Select code.
- * Select preferred web server stack i.e. either Tomcat.
- * Select preferred OS.
- * Select region for deploying the app.
- * Deploy it on given URL.
- * Use URL of webapp & check to see if working.

Result: A simple cloud application has been created using Tomcat webserver and deployed. It has been tested using URL.

Output

Query editor.

Query
editor

Create table
like temp/va, make

Experiment - 12

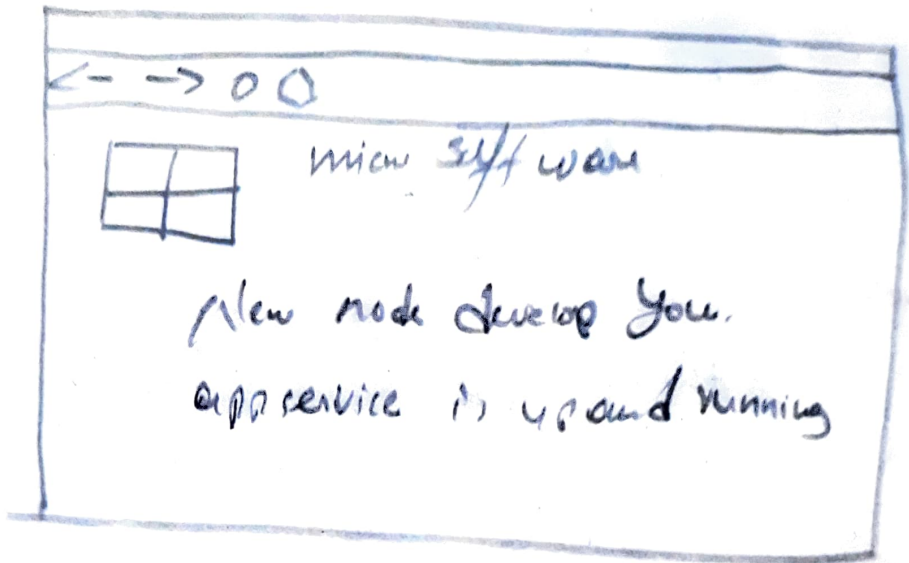
Aim: To create storage as service in Azure and check Public Accessibility of Stored files

Procedure:

- * Create a storage account in microsoft Azure Portal
- * Give a valid username and select region
- * Configure the storage services.
- * Select Static webpage and give index.html and 404.html.
- * Go to Storage explorer and select Blob and upload the html files.
- * Check the primary URL and to verify whether the static webpage is accessible when internet as a Public service

Result: A Static webpage has been infused as a blob in storage services of Azure and accessed it.

Out Put:



Memory :- 2 GB

Process :- 2.

Hardware :- 2 GB.

CP/dwn :- auto.

Network :- NAT

Experiment - 14:

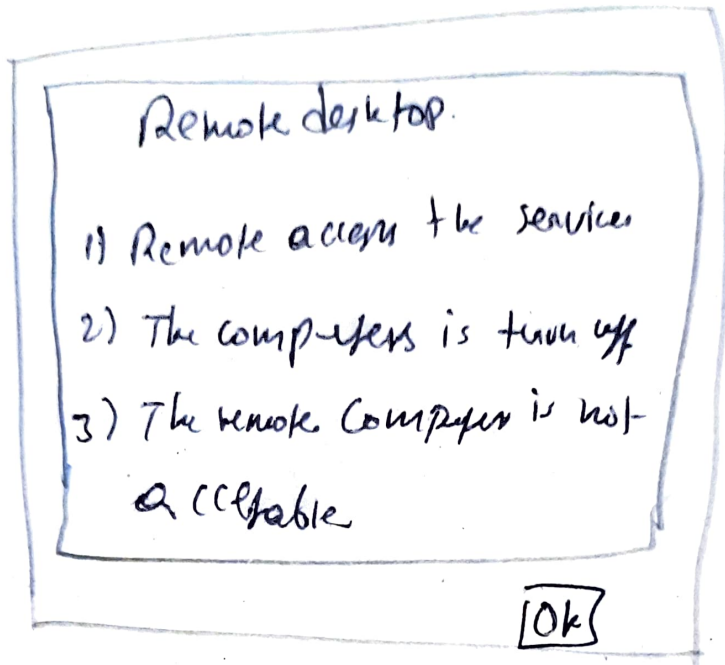
Aim: To demonstrate a infrastructure as a service by establishing remote connection launch the VM image and Remote in your desktop.

Procedure:

- * Open microsoft azure.com
- * login to the free student account by Email
- * Create a virtual network by click network option.
- * And create a new virtual machine by with needed data and click on create option
- * New VM will be created.
- * Create an image through console And image create should have the correct specifications
- * launch VM by image we created and we can access VM remotely.

Result: we have created and launched VM image, Remote desktop and demonstrated IaaS Successfully.

OutPut:



memory :- 2GB.

Process :- 2.


Hardware :- 20

Network NAT

Experiment - 15

Aim: To demonstrate PaaS Services & Create Config.
a new VM image in cloud service.

Procedure:

- * Open microsoft Azure.com.
- * Login a  with student free account using mail.
- * create a new resource then create new web app by click on a create web app.
- * Give any name for the web app.
- * Give the program type Java or python
- * Specify the OS type.
- * and give all other details and click on create option the web app will be created.
- * Choose runtime stack & configure settings.
- * we can deploy web app code to the Azure.
- * Now deployment is done and your resource is URL so you can access the webpage.

Result: we have create a configured VM image and demonstrated PaaS Services and created successful.

Output:

