INDEX

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SUBJECT: Cloud Computing.

S.No.	Date	Title	Page No.	Teacher's Sign/ Remarks
1	16/08/23	Passport System.		
2.	16/08/23	cab booking.		
3.	16/08/23	student details.		
4.	17/08/23	Resturant System.		
5.	17/08/23.	Payroll System.		
6.	21/08/23	Create VM Workstation with ubuntu.	11-12	
7.	21/08/23	Vmware: virtualmachine.	13-14.	
8.	21/08/23	virtual harddisk.	15-16	
9.	21/08/23	Snapshot of cloning of vm.	17-18.	
10.	21/08/23	Snap shot of vm.	19-20	
11.	22/08/23	create a static webpage.	21-22	
12.	22/08/23	To develop database in sql.	23-24	
13.	22/08/23	create infrastructure service.	25-26	
14.	22/08/23	Change the Host Compatibility.	27-28	
15.	22/08/23.	Demonstrate the paas services.	29-30	

Experiment-11.

Aim:-

To create a storage service using the microsoft azure and demonstrate it by using a static web page service.

Procedure:-

* create a storage accounts in microsoft azure portal.
* Give a valid used name and select region.
* Configure the storage device.
* Select a static web page and give index html and you html.
* Go to storage Explorer and select the blob and upload the html file.
* Check the primary url and to verify whether the static webpage is accesible the internet as a public service.

output :-

Resourcegroup : maniwebapp1.

Status : Running.

location : southindia.

Subscription : Azure for students.

SubscriptionID : 3c7u2b6c-5922-8d605399861 d&f.

Default domain : maniwebapp.

App Service plan : Asp-manigrp

operating System : windows.

Health check : not configure.

Result :-

By using azure we created an web page on storage service & Executed successfully.

Experiment-12.

Aim:-

To develop a database and store it in SQL Storage Service provided by microsoft azure and perform a Simple Query operation.

Procedure:-

* launch SQL database from microsoft azure portal.
* Give a proper database name.
* Select the Server → give a valid Server.
* Give admin name and Resources.
* configure the database.
* Select either availability DB (or) create a new database.
* Review launch.
* depoly it.
* perform Simple query on the database.

Output :-

Resource grap :- manikanta reddy.

status : online.

location : Eastus.

subscription : Azure for students.

Subscription ID : 3c7a2b6c-5a22-4~~a~~f-8dbc.

Tag : student : manikanta

serve name : chennai . database-windows.net.

Elastic pool : Noelastic pool.

connection string : show database connection string.

Result :-

By using azure we are created SQL Database.

Experiment -13.

Aim:-

To create infrastore as a Service by creating a virtual machine using a public cloud service provider.

Procedure:-

* Go to microsoft azure.com.
* create a new account on microsoft.
* Go to basic group & create Resource.
* create a virtual network to create a virtual machine
* Now create a virtual machine with IP & a username & password.

And your virtual machine is developed.

Now Connect the virtual machine & password for virtual machine & download file to open now window vm.

output:-

Manikanta virtual machine.

connect start restart delete stop capture.

properties.

computer name : manikanta

OS : windows.

Host : none.

VM generation : 2.2.

disks.

OS disk : disk3

Encryption : none

Data disks : 2.

Agent Status :- Ready (dear).

Result :-

By using azure we created vm to create IAAS and executed it successfully.

Experiment--14.

Aim:-

To change the hardware compatibility of vmeither by clone / create a new virtual machine.

Procedure:-

* Go to vm ware workstation.
* Right click the vm.
* Add hardware or a select client.
* Click new virtual disk.
* Give the name & finish.
* maximum size has to be choosed.
* click next then finish.
* change no. of processors.
* Hardware Compatibility is changed.
* select the Specific disk capacity & compare.

Output:-

memory.	2GB
processor	2
Harddisk	20GB
colour.	Auto.
Network.	NAT.
Adapter.	NAT.
user controller.	present.
sound control.	Auto detect.

Result:-

Creating virtual machine and also done of vm workstation that has been Compared.

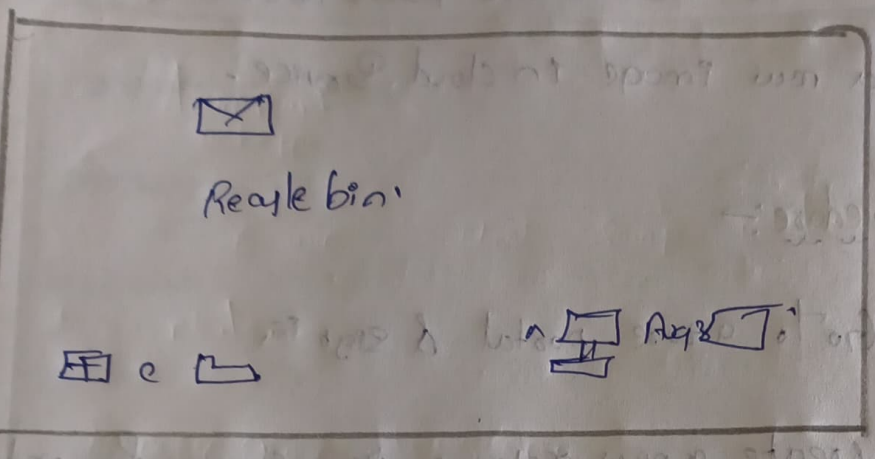
Aim:-

To demonstrate paas Service & Create configure a new image in cloud Service.

Procedure:-

* Go to azure portal & sign in.
* Create a new resource then server for web app & click create.
* choose unique name for web app select subscription.
* choose runtime stack your webapp & configure settings.
* you can deploy web application code to azure.
* once can be done in various methods we get reportor from visual studio.

Output :-



Result :-

Thus the vm & vm image is created & tested Successfully