

**EX. NO: 6**

**DATE:**

## **PUBLIC CLOUD**

### **CREATING AN INSTANCE IN MICROSOFT AZURE**

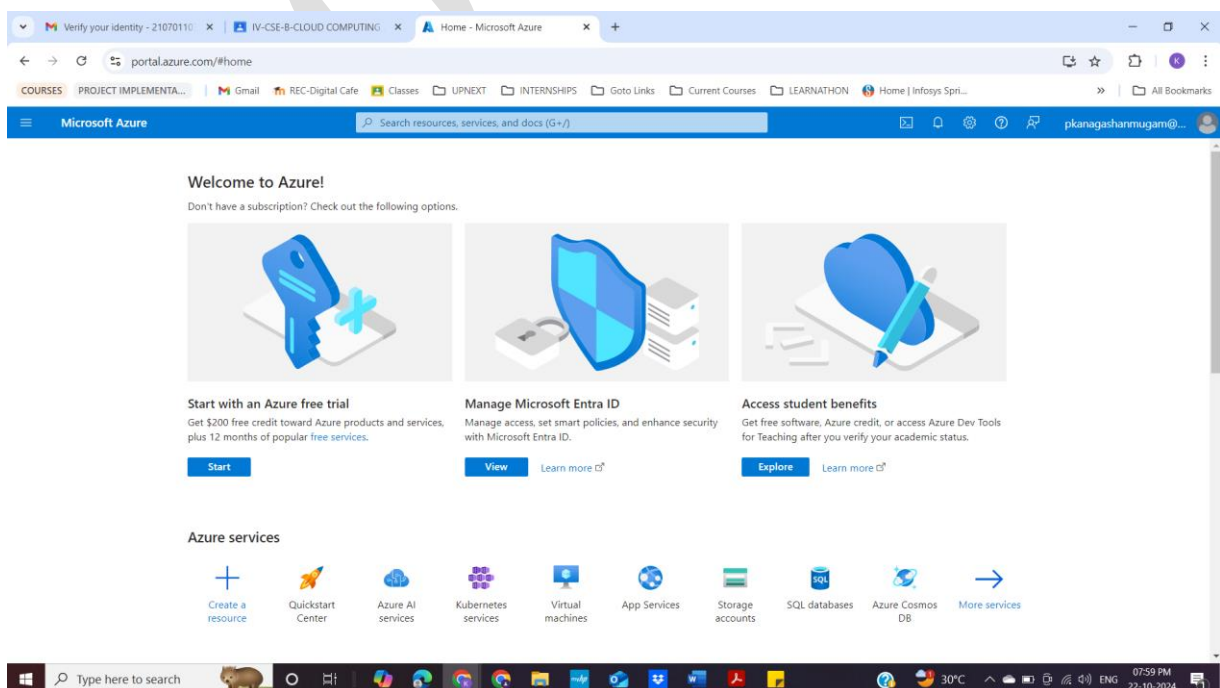
**AIM:**

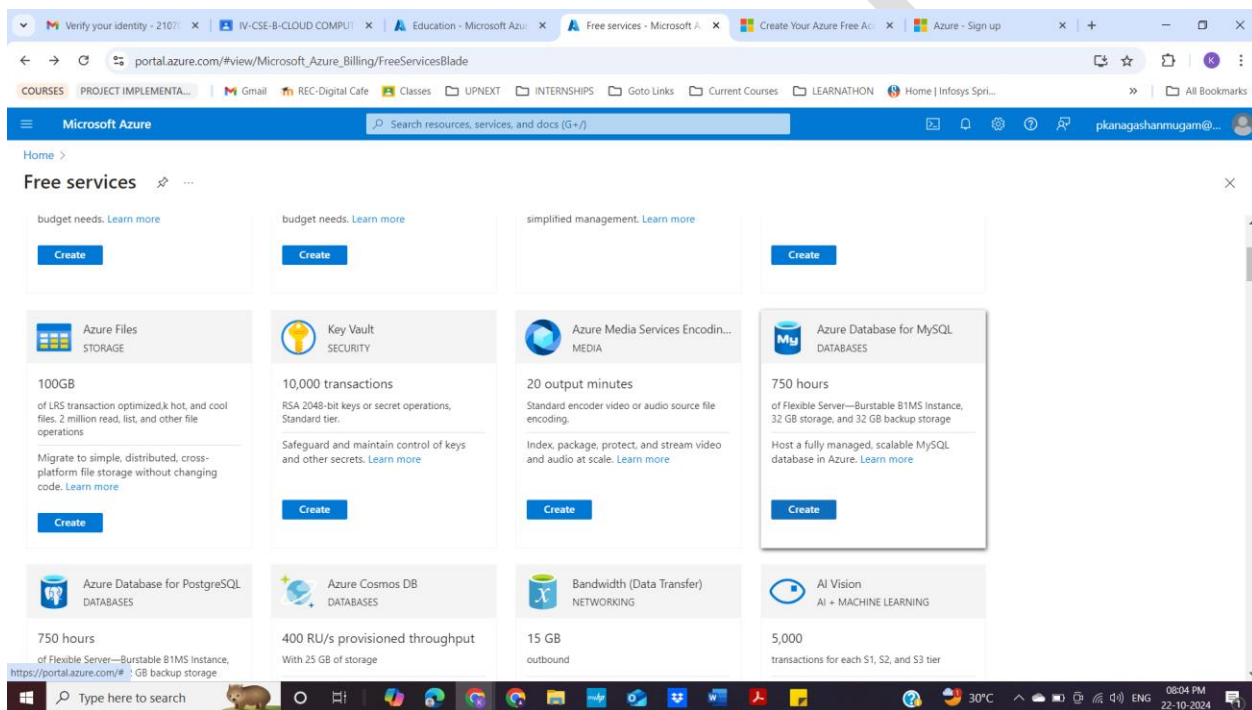
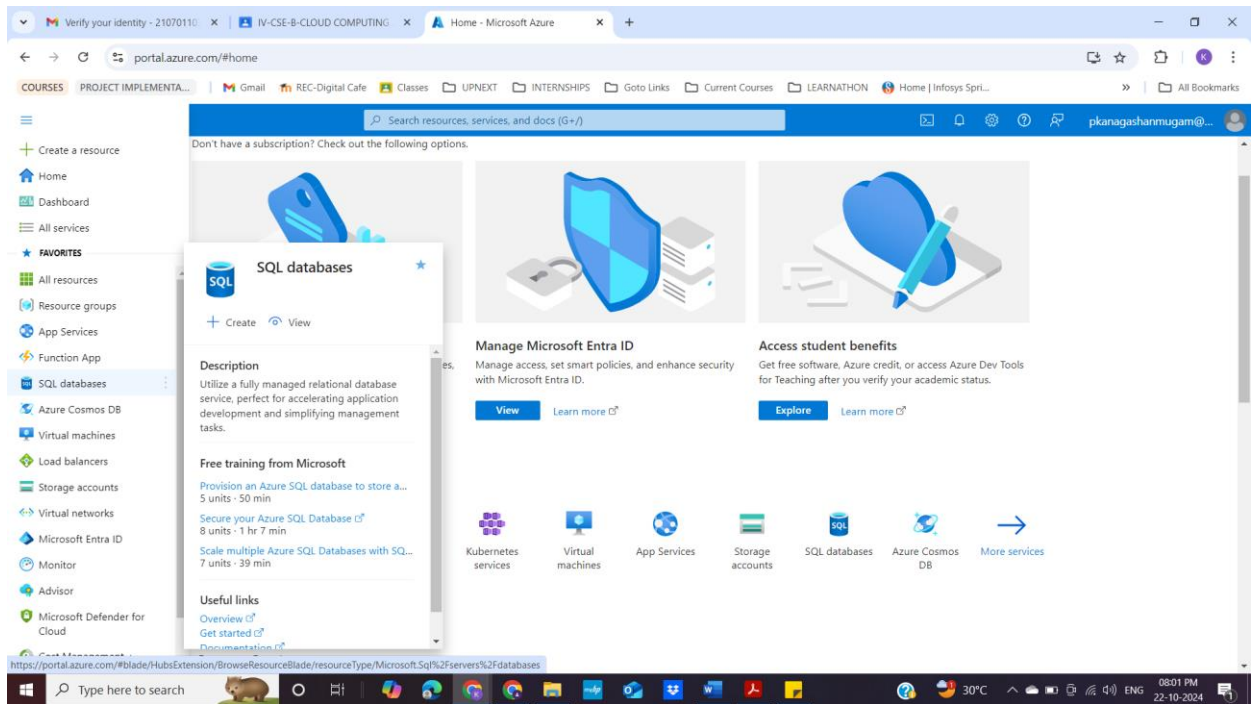
Develop a simple application to understand the concept of PAAS using Microsoft Azure

**PROCEDURE:**

1. Sign in to the Azure portal
2. Select Azure SQL on the left menu of the Azure portal.
3. Select +Add to open the Select SQL deployment option page.
4. Select Create.

**OUTPUT:**





portal.azure.com/#create/Microsoft.MySQLServer

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## Select Azure Database for MySQL deployment option

Microsoft

Feedback

Azure Database for MySQL - Single Server is scheduled for retirement by September 16, 2024. [Learn More](#)

### How do you plan to use the service?

**Flexible server**

Best for production workloads that require zone resiliency, predictable performance, maximum control with IOPs scaling, custom maintenance window, cost optimization controls and simplified developer experience.

[Quick Create](#) [Advanced Create](#)

**Wordpress + MySQL Flexible server**

Wordpress is state of the art publishing platform with a focus on aesthetics, web standards and usability. Use this template to create Wordpress on APP Service and Azure Database for MySQL Flexible Server in a Virtual network.

[Create](#) [Learn More](#)

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## Flexible server

Microsoft

Basics Tags Review

Create an Azure Database for MySQL server.

### Project details

Select the 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) cloud\_computing\_lab [Create new](#)

### Server details

Enter required settings for this server, including picking a location and configuring the compute and storage resources.

Server name \* cloud-computing-experiment

Region \* (Asia Pacific) South India

Availability zone \* No preference

### Authentication

Admin username \* admin

### Estimated costs

**Compute Sku** INR 1487.94/month

Standard\_B1ms 1487.94

**Storage** INR 217.97/month

Storage selected 20 GiB (INR 10.898503 per GiB) 20 x 10.898503 10.898503

**Auto scale IOPS**

Auto scale IOPS is billed on usage in per million request increments. [Learn more](#)

**Backup Retention**

Backup retention is billed based on additional storage used for retaining backups. [Learn more](#)

**Bandwidth**

For outbound data transfer across services in different regions will incur additional charges. Any inbound data...

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

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Microsoft Azure

Flexible server

Microsoft

Enter required settings for this server, including picking a location and configuring the compute and storage resources.

Server name \*

cloud-computing-experiment

Region \*

(Asia Pacific) South India

Availability zone \*

No preference

Authentication

Admin username \*

admin

Password \*

\*\*\*\*\*

Confirm password \*

\*\*\*\*\*

Workload details (Compare workload type)

Workload type \*

Dev/Test

Standard

Enterprise

Choose one of these workload types to quickly configure the server based on your needs. You can modify the configuration after creation.

Add firewall rule for current IP address

High availability

Same zone and zone redundant high availability provide additional server resilience in the event of a failure.

Review + create

Next: Tags >

Backup Retention

Backup retention is billed based on additional storage used for retaining backups. [Learn more](#)

Bandwidth

For outbound data transfer across services in different regions will incur additional charges. Any inbound data transfer is free. [Learn more](#)

Estimated total

INR 1705.91/month

Prices reflects an estimates only. [View Azure pricing calculator](#). Final charges will appear in your local currency in cost analysis and billing views.

Microsoft Azure

Flexible server

Microsoft

Server name cannot be changed after server is created. Review these options carefully before provisioning.

Basics

Tags

Review

Creation time

Estimated Server Creation Time (in minutes) 5

Product details

Azure Database for MySQL by Microsoft [Terms of use](#) | [Privacy policy](#)

Basics

Subscription

Azure for Students

Resource group

cloud\_computing\_lab

Server name

cloud-computing-experiment

Server admin login name

admin

Location

South India

Availability zone

No preference

High availability

Disabled

MySQL version

8.0

Workload type

Dev/Test

Compute + storage

Burstable, 81ms, 1 vCores, 2 GiB RAM, 20 GiB storage, Auto scale IOPS

Backup redundancy

Locally redundant

Tags

Estimated costs

Compute Sku

Standard\_B1ms

INR 1487.94/month

1487.94

Storage

Storage selected 20 GiB (INR 10.898503 per GiB)

INR 217.97/month

20 x 10.898503

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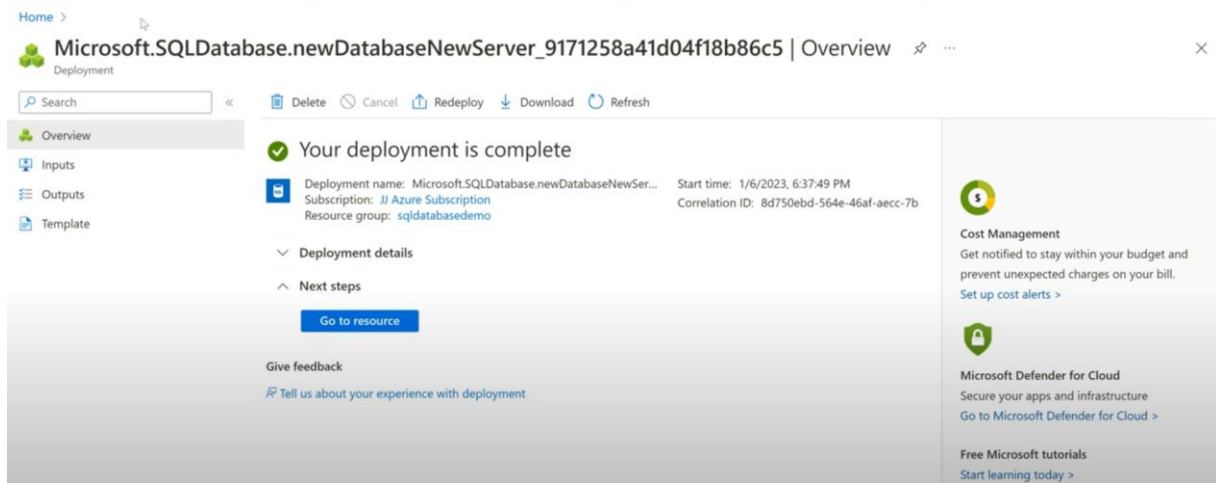
INR 1705.91/month

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Create

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Download a template for automation



## RESULT:

Thus a simple application to understand the concept of PAAS using Microsoft Azure is developed.