COMP 557 - Datacenter Cloud Computing



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Section

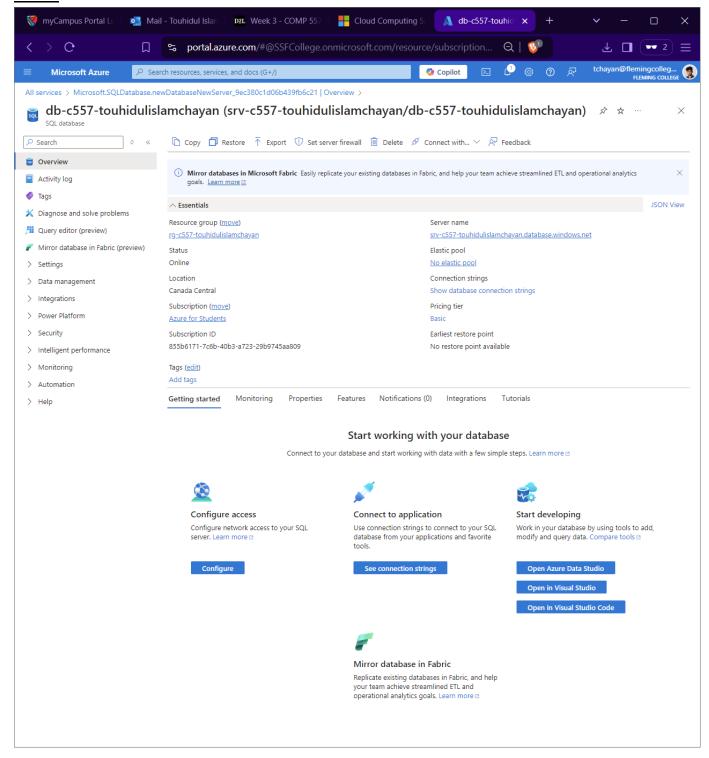
Section-1



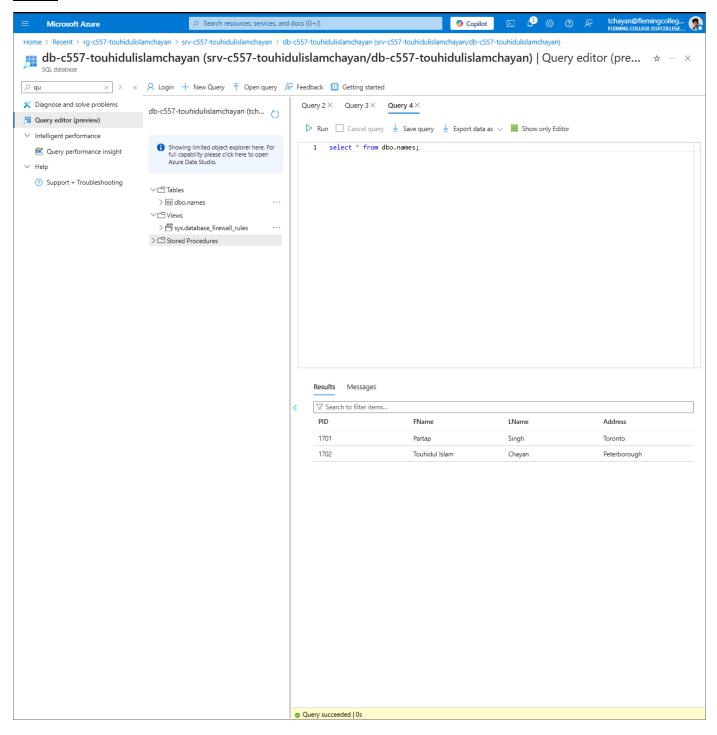
Questions:

Please provide your answers <u>below</u> each question. Do not remove questions and their marks from this template.

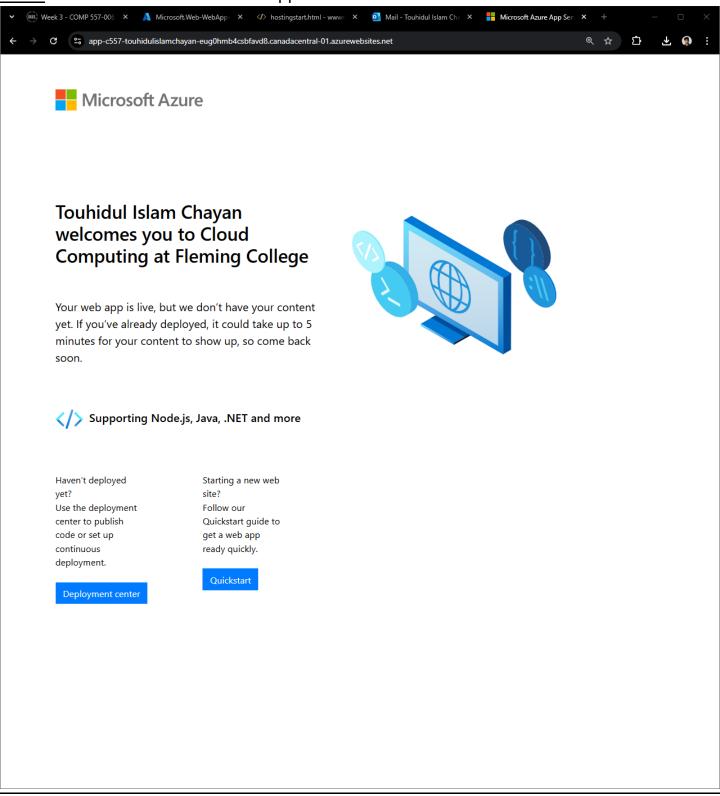
Part 1: Create a Microsoft Azure Database



Part 2: Execute SQL Queries on Microsoft Azure Database



Part 3: Create and Access an Azure Application



Part 4: Research Cloud Services Other Than SaaS, laaS, and PaaS

Cite and reference your answer to the question below using APA (7th edition) format. Provide reference list entries under "References" on the next page.

Describe **two** Cloud services other than Software as a Service (SaaS), Infrastructure as a Service (IaaS), and Platform as a Service (PaaS). In your answer, include the name of <u>at least</u> one company that offers these additional Cloud services. (1.5 marks)

Answer

1) FaaS (Function as a Service) - This means that anyone can take a specific function of the cloud to work on their project. There are a lot of pieces when you build an API with servers. FaaS lets you take those pieces without creating the whole server.

Example –

- a. AWS Lambda
- b. UploadThing
- 2) BaaS (Backup as a Service) This means as it says, you can backup your data (important or any) into any cloud based storage system. These cloud storages are very secure too.

Example –

- a. Acronis
- b. Dropbox

References

- 1) Amazon Web Services. (n.d.). AWS Lambda. Retrieved January 16, 2025, from https://aws.amazon.com/lambda/
- 2) Acronym Solutions. (n.d.). *Backup as a Service (BaaS)*. Retrieved January 16, 2025, from https://acronymsolutions.com/solutions/cloud/baas/