



Module Title: Distributed and Cloud Systems Programming (5CS022)

Subject Title: Workshop 06

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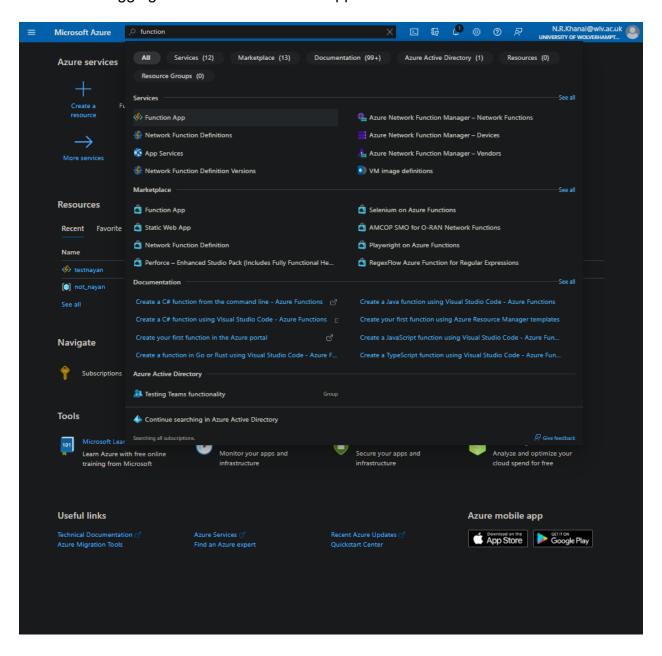
Instructor: Mr. Prabin Sapkota

Submitted on: 28.04.2023

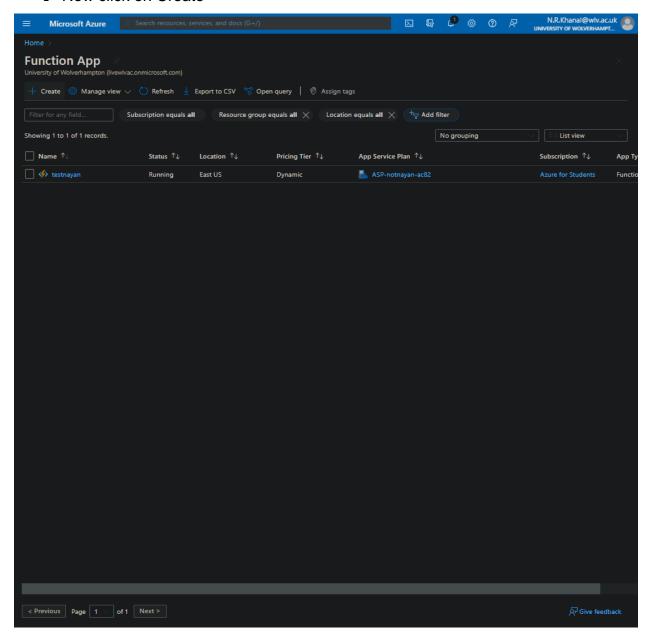
FUNCTION APP:

Step 1: Creating a Function App

→ After logging in search for "Function App" in the search bar.



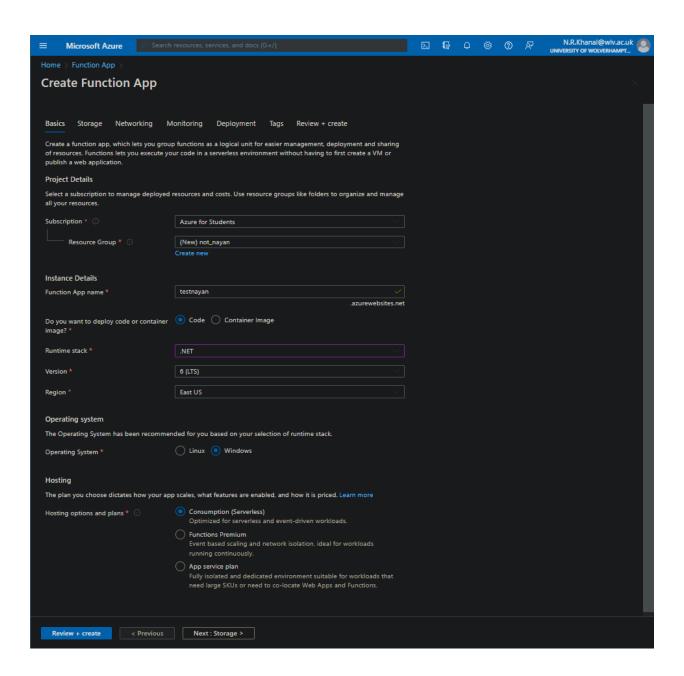
→ Now click on Create



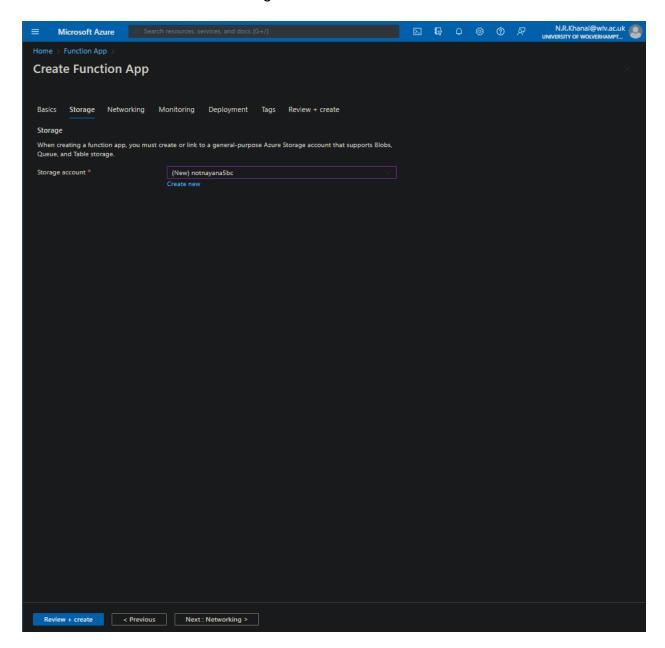
→ Fill up the details accordingly

NOTE:

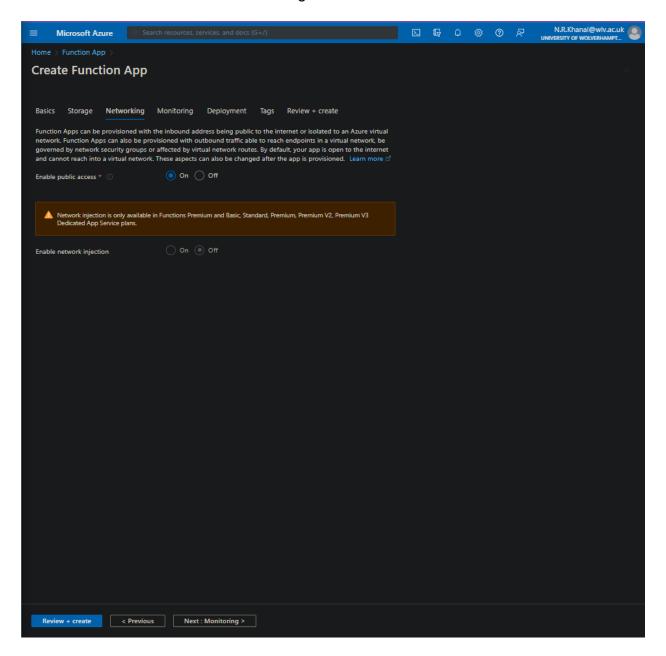
- 1. The function name must be unique.
- 2. Choose the Stack according to your requirement.
- 3. Select the version, region, OS and hosting which bests suits you.
- 4. After filling Basics Part you can create the function or change other parts as your liking



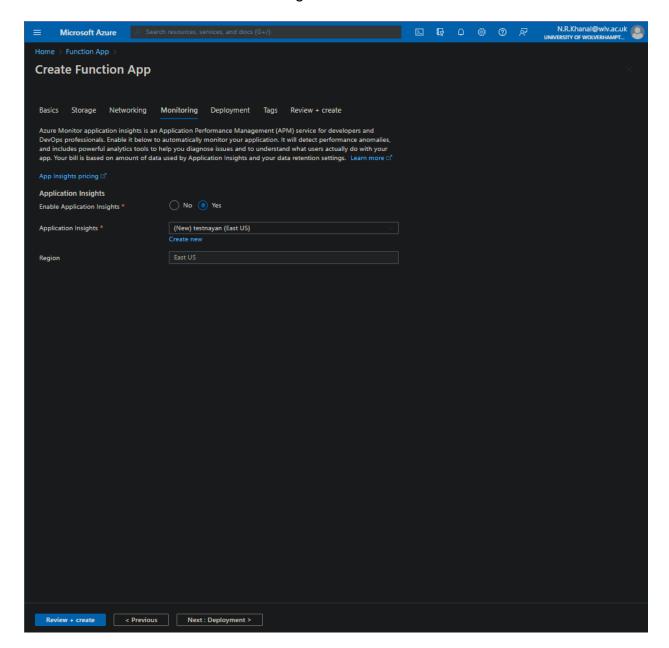
→ Click on next and edit storage



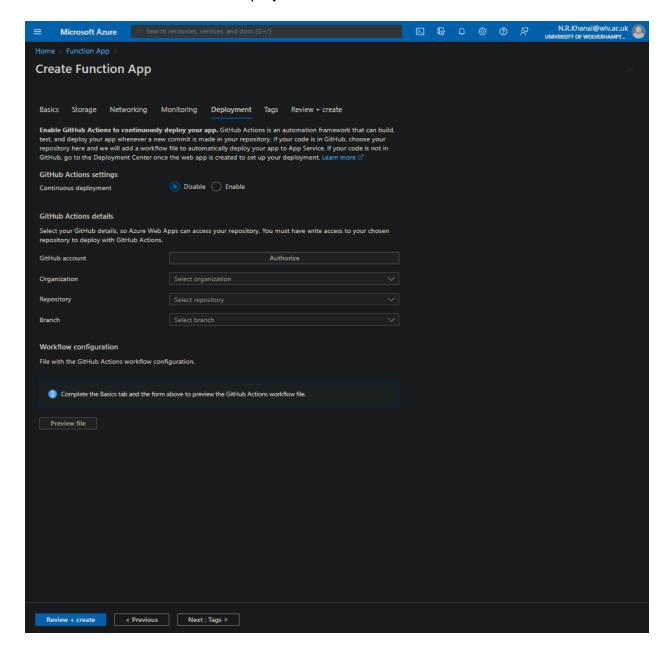
→ Click on next and edit Networking



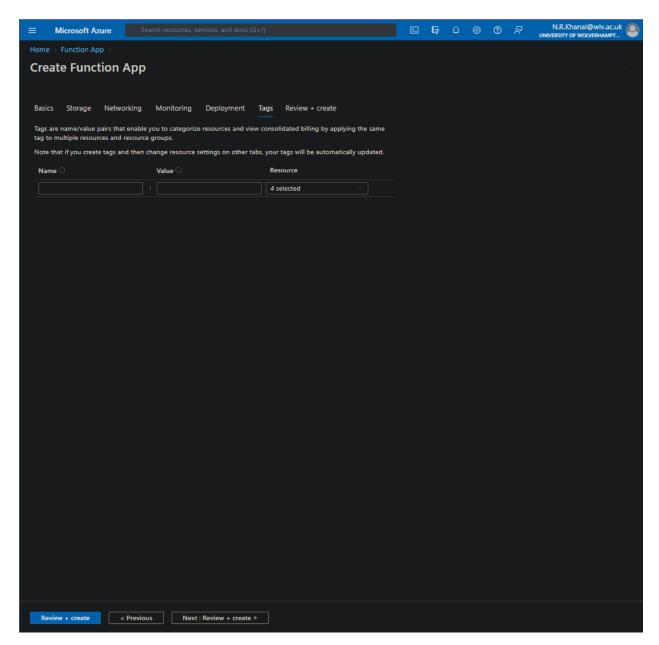
→ Click on next and edit Monitoring



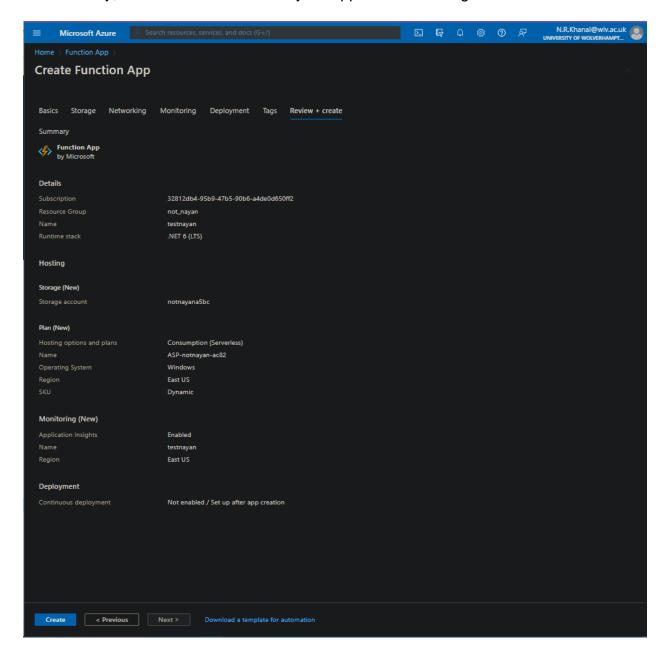
→ Click on next and edit Deployment



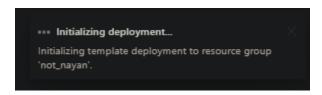
→ Click on next and edit Tags

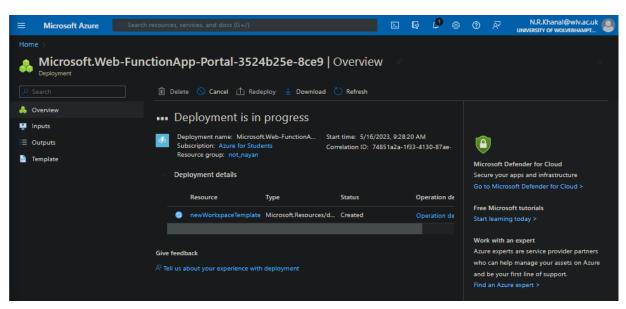


→ Lastly, click on next and review your app before creating

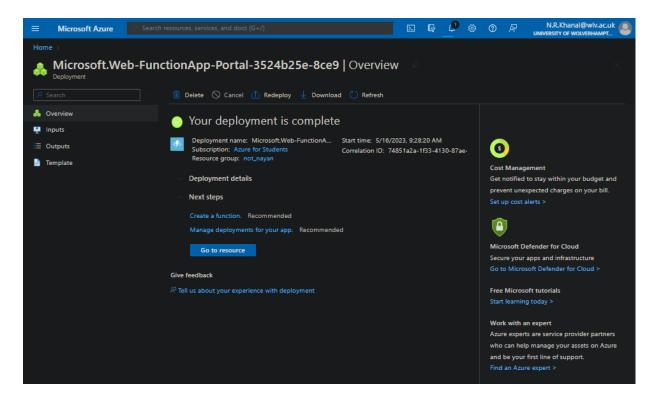


→ After clicking create it will take some time to deploy, please be patient.

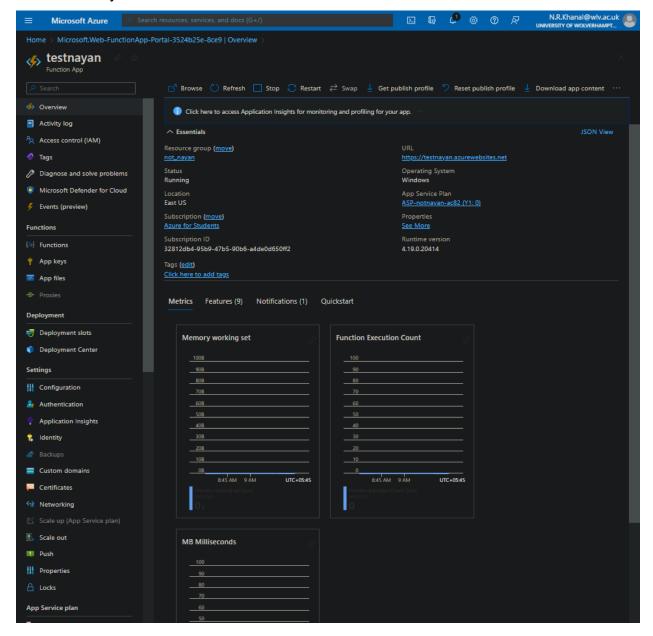




Once deployed you'll get this screen:

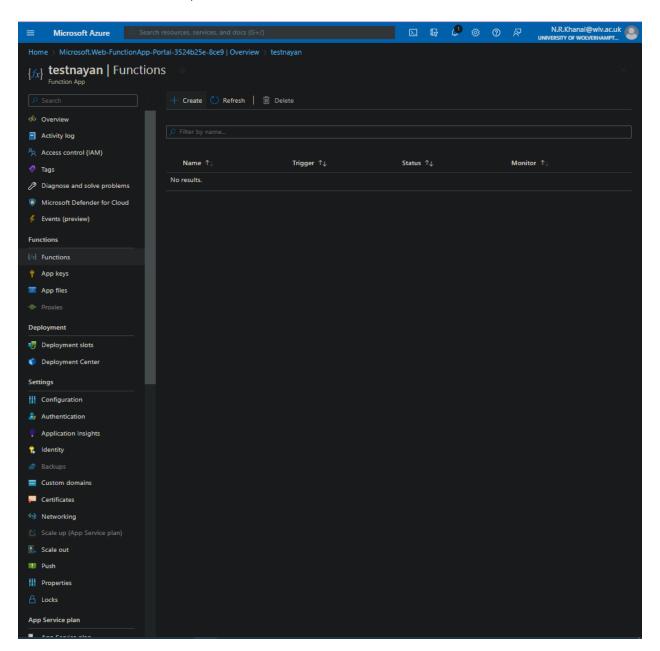


And if you click on "Go to resource":

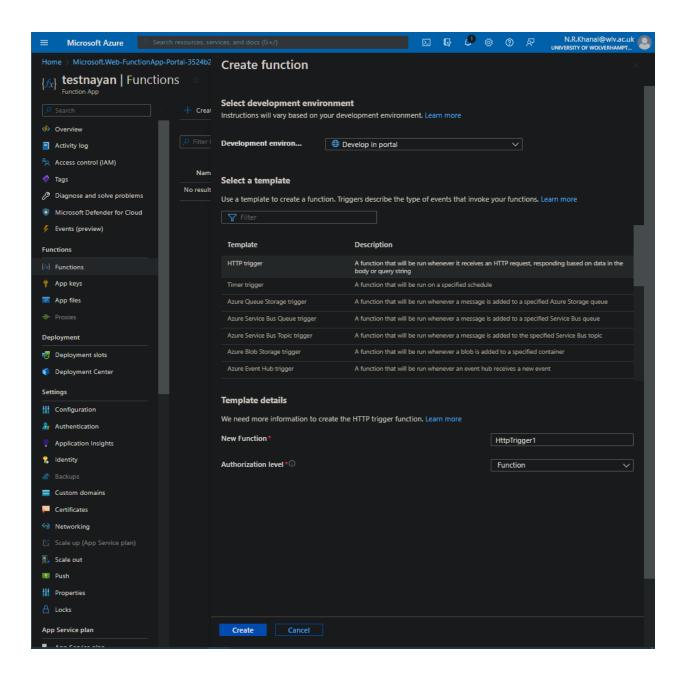


STEP 2: Creating an HTTP triggered based Azure Function

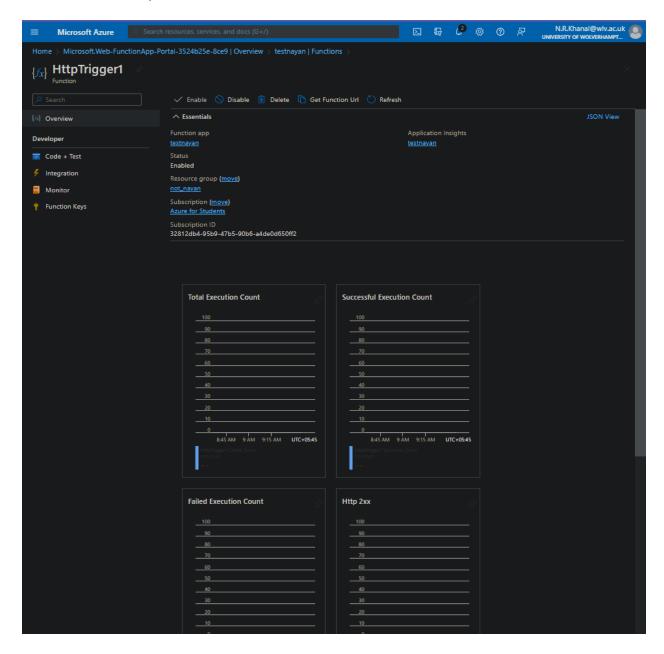
→ To add a function, select Function tab from the left side and click on create



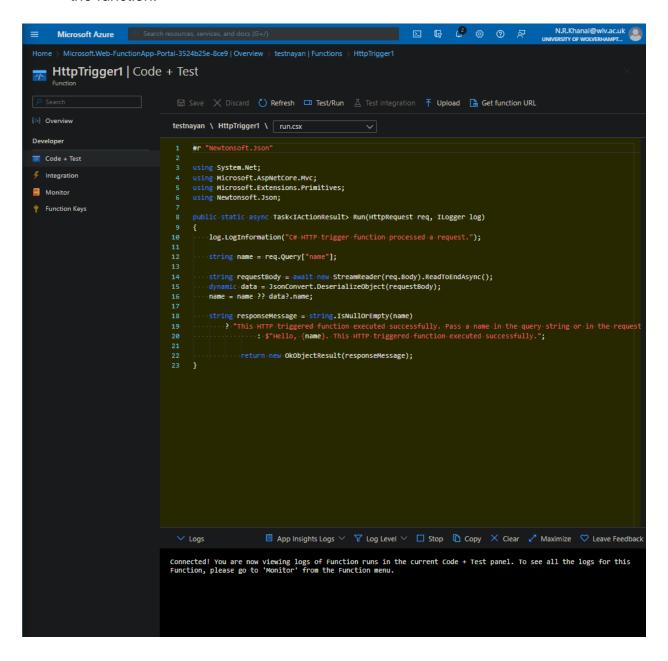
→ As the function is going to be HTTP trigger function, we select HTTP trigger and click on create



→ After sometime, you'll see this interface which means the function was created successfully

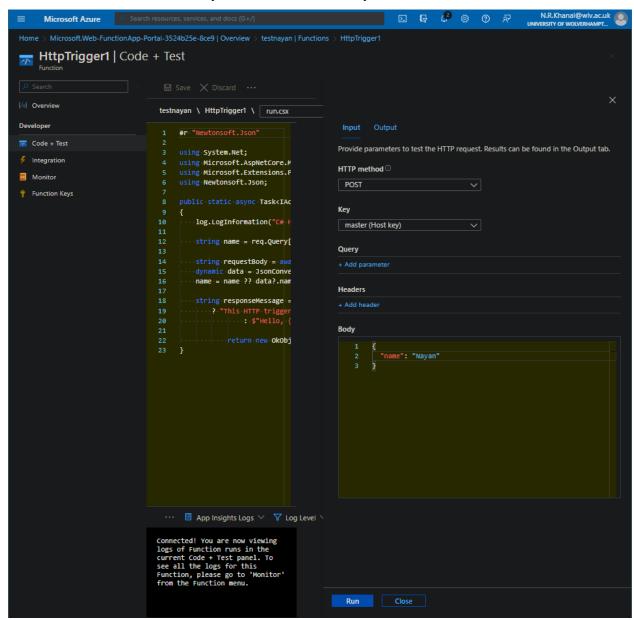


→ Click on "Code + Test" from the left side panel. Here, we can write codes and test the function.

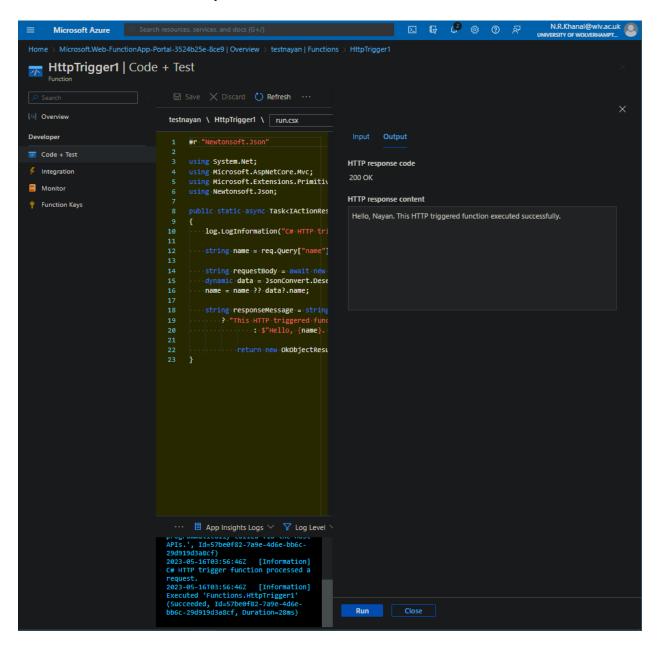


STEP 3: Testing of Http triggered based Azure Function

→ Click on Test/Run and enter your name in the Body Section and click run

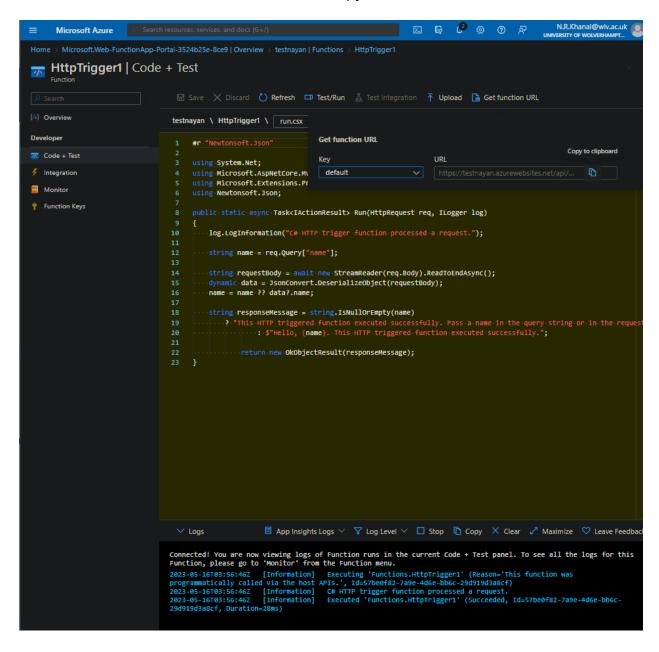


→ If everything is correct it returns response code 200 as the output code and the content should have your name.

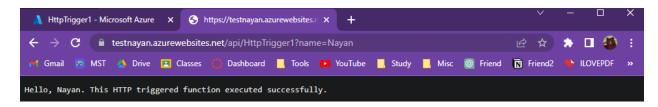


→ That all to test the function in the portal now let's head to our browser and see if it runs there too or not.

For that click on "Get function URL" and copy the URL.



→ Paste the URL in the browser and append '?name=Nayan'



And we're done, we have successfully created an Azure Function.