

# **Use Cloud Functions to Launch Flask Web-Site**

(Verify that you have the hello\_http.py script before starting this exercise)

1. From the Google Cloud Console, Click Navigation Menu > Cloud Functions
2. Click "Create Function"
3. Name the function "hellohttp", set the Trigger as "HTTP", Source code should be set to "inline editor" and the runtime should be "Python"
4. Paste the code from hello\_http.py into the MAIN.PY window to replace the existing code
5. Verify that the function name of the code in the MAIN.PY window is "hello\_http". The "Function to execute" option should also be set to "hello\_http".
6. Click "Create"
7. When the build is complete, click SHOW INFO PANEL if the PERMISSIONS option is not visible.
8. Click PERMISSIONS > ADD MEMBER
9. For new members type "allUsers", For Role choose "Cloud Functions Invoker"
10. Click "Save"
11. When prompted, click "ALLOW PUBLIC ACCESS"
12. Click the name of the function, "hellohttp", to open the Edit window
13. Click the TRIGGER folder
14. Note the URL of the new HTTP trigger you have created
15. Use the URL to test the function in a browser window
16. At the end of the URL in the browser, type "?name=My Name" without the double-quotes
17. Click the SOURCE folder in the edit window of the "hellohttp" function.
18. Experiment with the code in MAIN.PY to change the message displayed by the URL.
19. Delete the function when finished.