

# Task 1: function with an HTTP trigger

Create a cloud function (gen 2) with the entry-point `create_text_file_http` (see below for scaffolding code). The function is triggered when an HTTP POST request with a JSON body containing `fileName` and `fileContent` is sent to the trigger endpoint.

## Note

Although the entry-point has underscores in its name, generation 2 cloud functions don't allow underscores in cloud function names. You can name your cloud function freely when deploying/testing, for example to `create-text-file-http`. The grader will assign a random name for your cloud function.

The function must:

- Get the bucket name from the environment variable `BUCKET_ENV_VAR`
- Create a file named with its name set to the value of `fileName` inside the bucket
- Set the contents of the file to the value of `fileContent`
- Return the `fileName` in the body of the response (JSON).
- Return a HTTP status code of 200.

For example, when this HTTP request is sent:

```
curl -X POST <YOUR_CLOUD_FUNCTION_URI> -H "Content-Type:application/json" -H
```

Your function should:

- Create a file called `c9880557-cb3d-49dd-8ab2-1a13b4f2b575` inside a bucket (the name of the bucket is the environment variable `BUCKET_ENV_VAR`)
- Set the contents of the created file to `86df48ab-2d5e-41f0-8cb1-263c49360992`
- Return HTTP status code 200 and the below JSON:

```
{"fileName":"c9880557-cb3d-49dd-8ab2-1a13b4f2b575"}
```

## Note

To get started you can download a scaffolding application [here](#).

You'll find these resources useful:

- [Google Cloud Functions Overview](#)

Your code must be successful deployed by our grader for points. Make sure you have added our grader to your project and tested deploying and running the function on your own account.