Task 2: function with a storage trigger

Create a cloud function with the entry_point `image_to_text_storage` (see below for scaffolding code). The function is triggered when a file is uploaded to a storage bucket. The storage bucket will be created by the grader.

> **Note**
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> 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 image-to-text-storage. The grader will assign a random name for your cloud function.

The function must:

- Get the storage bucket from the Cloud Storage event data
- Download the image from the storage bucket to the `/tmp` directory
- Use the Google Cloud Vision api to detect text in the image (this should be the full text detected by Google Cloud Vision, no text manipulation is required)
- Save the detected text to a `.txt` file with the same name as the image to the same storage bucket

For example:

A Storage Bucket called `EXAMPLE_BUCKET` will be created automatically by the grader. When an image called `testimage.jpg` is uploaded to `EXAMPLE_BUCKET`, the Cloud Function will be triggered. The function downloads the image to a temporary directory, detects text in the image and uploads a text file called `testimage.txt` to the same bucket with the detected text.

> **Attention**
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> Make sure to tell your function to ignore files that end with `.txt`

> **Note**
>
> To get started you can download a scaffolding application **here**.
>
> You'll find these resources useful:
>
> - Google Cloud Vision Docs
> - Google Storage Docs

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.