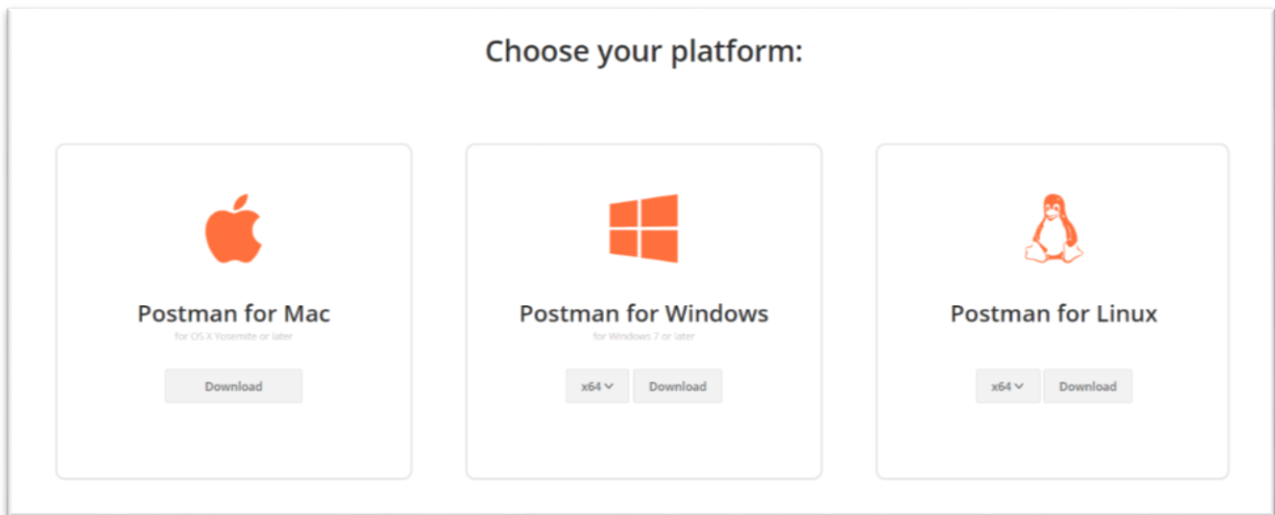# Lab: HTTP BASICS

Problems for in-class lab for the "Programming Fundamentals" course @ SoftUni.

1. Installing Needed Software

2. Postman

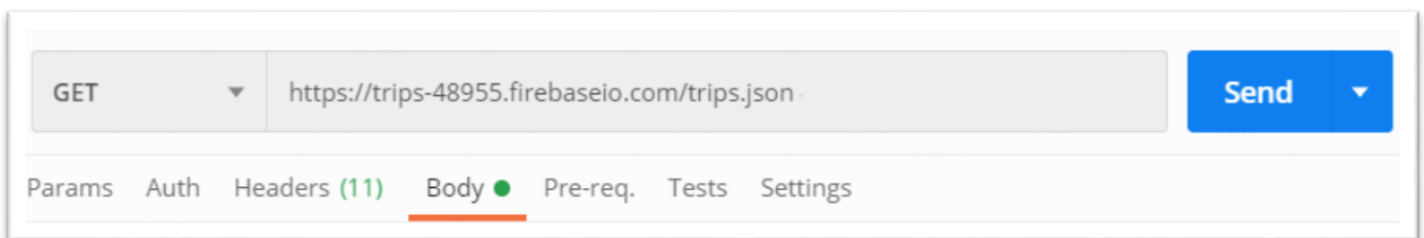You can download Postman from here.
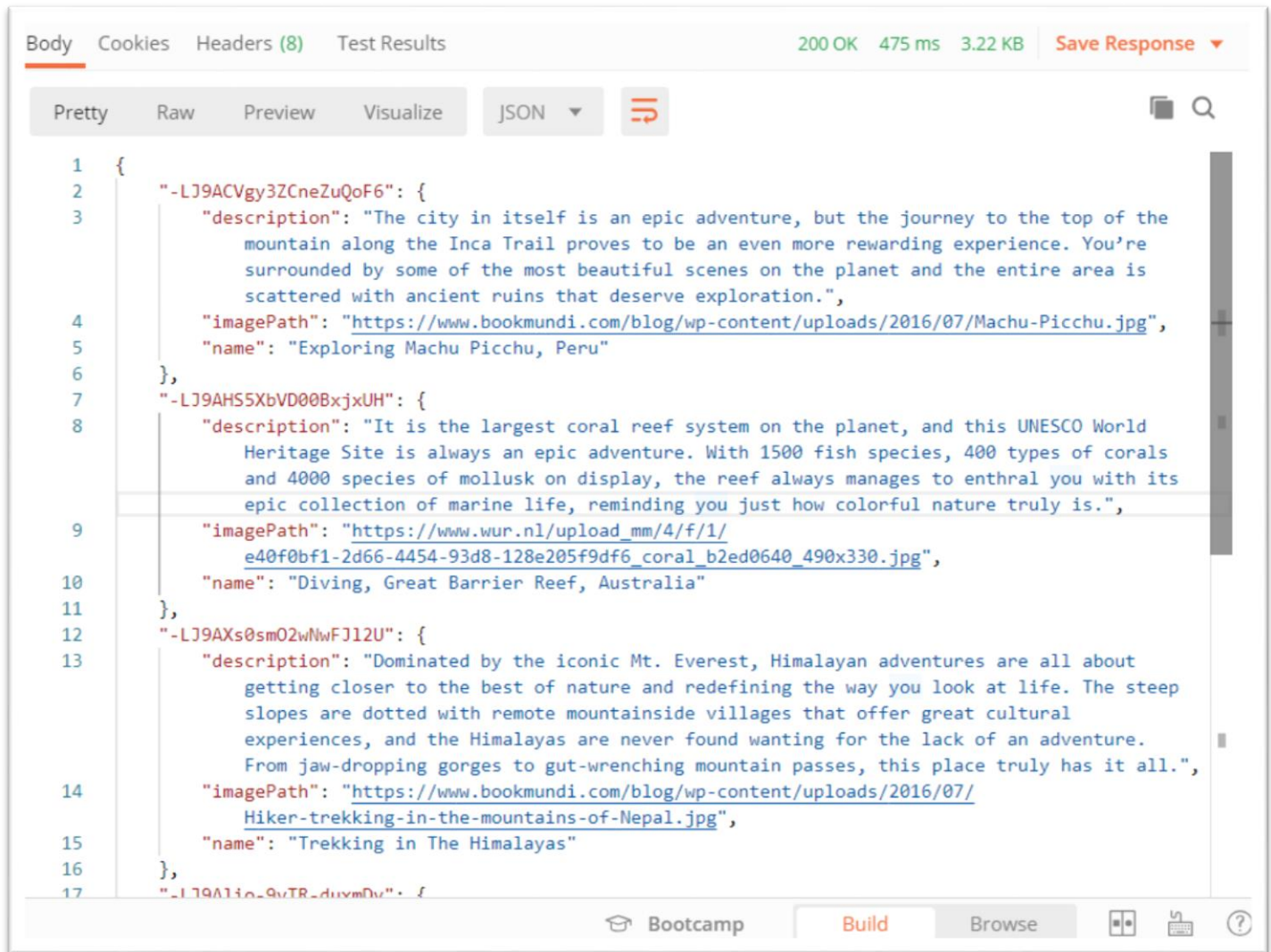

3. Make Basic HTTP Requests

4. Get All Trips

Listing all trips should be easy **with** the following request:

https://trips-48955.firebaseio.com/trips.json

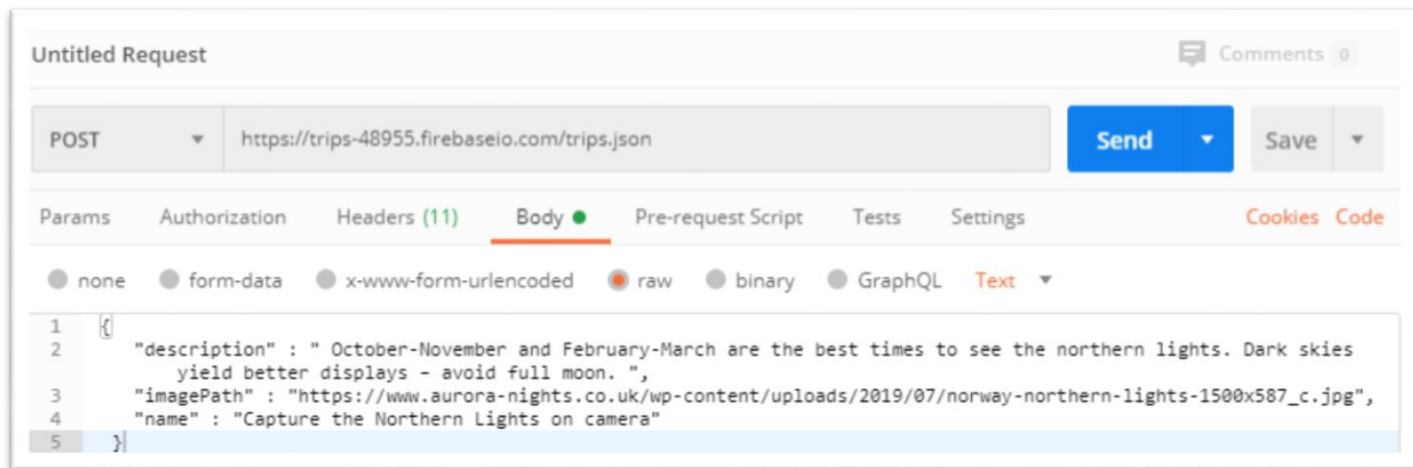**Request**:

Response:
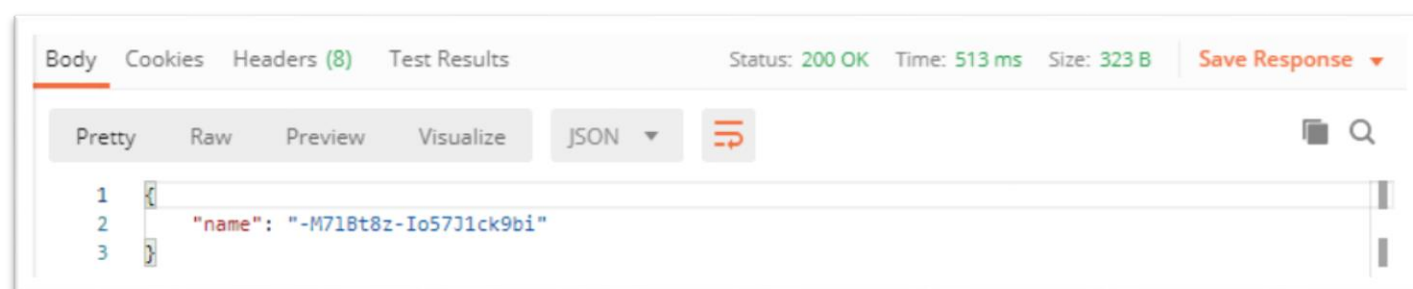

5. Create New Trip

Let's make a **"POST"** request to add a new destination to our firebase database. Use the following data:

```
{
    "description" : " October-November and February-March are the best times to see the northern lights. Dark skies yield better displays – avoid full moon. ",
    "imagePath" : "https://www.aurora-nights.co.uk/wp-content/uploads/2019/07/norway-northern-lights-1500x587_c.jpg",
    "name" : "Capture the Northern Lights on camera"
}
```
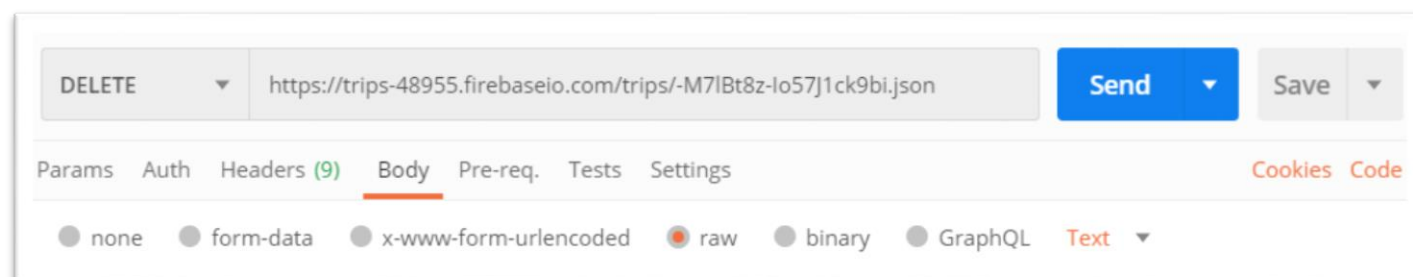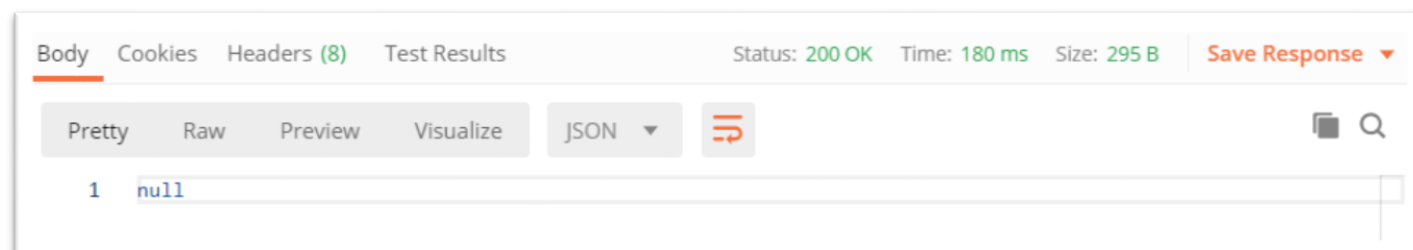
Request:

Response:

6. Delete a Trip

Now let us **delete** the **newly** created trip.

REQUEST "DELETE": https://trips-48955.firebaseio.com/trips/**{postId}**.json. The **postId** can be found from the JSON response of the **previous** task:

The "**DELETE**" request should get us **status 200** and the default response from this database is **null**:

Now, when we get all trips, we can notice that the trip **"Capture the Northern Lights on camera"** is not on the list.
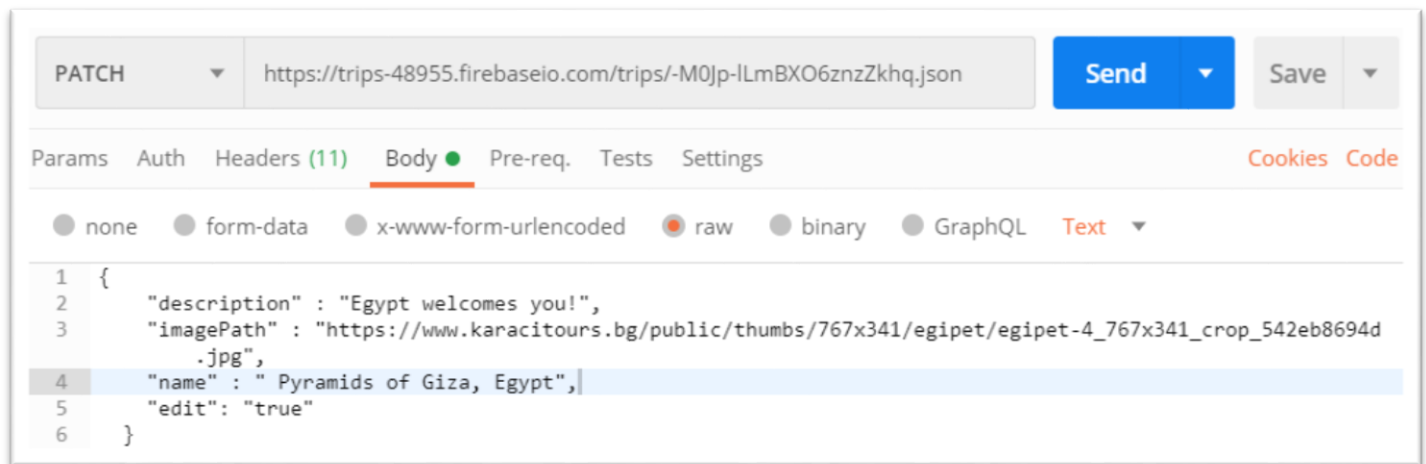
7. Edit a Trip

Edit a trip with a "**PATCH**" request.

https://trips-48955.firebaseio.com/trips/-MIJ0HydEYF0x6fIjO55.json

 We will update the: **"Pyramids of Giza, Egypt"** trip by changing the **"description"** and adding the new field **"edit": "true"** using the following body:

```
{
    "description" : "Egypt welcomes you!",
    "imagePath" : "https://www.karacitours.bg/public/thumbs/767x341/egipet/egipet-4_767x341_crop_542eb8694d.jpg",
    "name" : "Pyramids of Giza, Egypt",
    "edit": "true"
}
```

Request:

Response:

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