

The API has 4 inputs deviceId, startDate, endDate and api_access_token

For this assignment your access token:

eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpc3MiOiI1NjBhNzE3ZDM5OTRkNjA3N2RjZTMxMzYiLCJleHAiOiJlE2NzUyNDcxMTc4NjIj9.SWNNKiYtLhqWHzJ2RL5Dsx-910GFikoKGNBUleHmMZC

Link to API documentation:

<https://yatis-api-docs.s3.ap-south-1.amazonaws.com/index.html#/Location/getLocationIntervalGET>

The API return object includes locationInfo an array of objects where each object has the data of the device measured at a certain time.

Voltage of the first point will be locationInfo[0][params][66] - units (mV or millivolts)

Time of the first point will be locationInfo[0][timestamp] - epoch time

You can disregard the other items in the object for now

You have to take all the voltages and timestamp and plot it as a scatter plot

Sample API Response:

```
{
  "status": "success",
  "message": "",
  "numLocations": 251,
  "locationInfo": [
    {
      "latitude": 12.9574766,
      "longitude": 77.4760183,
      "speed": 0,
      "altitude": 854,
      "direction": 199,
      "timestamp": 1675209806000,
      "params": {
        "16": 17681663,
        "17": 83,
        "18": 23,
        "19": 14,
        "21": 4,
        "24": 0,
        "25": 300,
        "26": 3000,
        "27": 3000,
        "28": 3000,
        "66": 12563,
        "67": 4076,
        "68": 0,
        "69": 1,
        "200": 0,
        "239": 0,
        "240": 0,
        "241": 40486
      },
      "satellites": 13,
      "Its": 1675209809947,
      "isAccOn": false,
      "isPlugOut": false
    },
    {
      "latitude": 12.9574766,
      "longitude": 77.4760183,
      "speed": 0,
      "altitude": 854,
      "direction": 199,
      "timestamp": 1675210107000,
      "params": {
        "16": 17681663,
        "17": 89,
        "18": 26,
        "19": 13,
        "21": 4,
        "24": 0,
        "25": 300,
        "26": 3000,
        "27": 3000,
        "28": 3000,
        "66": 12570,
        "67": 4076,
        "68": 0,
        "69": 1,
        "200": 0,
        "239": 0,
        "240": 0,
        "241": 40486
      },
      "satellites": 13,
      "Its": 1675210111345,
      "isAccOn": false,
      "isPlugOut": false
    },
    {
      "latitude": 12.9574766,
      "longitude": 77.4760183,
      "speed": 0,
      "altitude": 854,
      "direction": 199,
      "timestamp": 1675210408000,
      "params": {
        "16": 17681663,
        "17": 82,
        "18": 31,
        "19": 23,
        "21": 4,
        "24": 0,
        "25": 300,
        "26": 3000,
        "27": 3000,
        "28": 3000,
        "66": 12563,
        "67": 4076,
        "68": 0,
        "69": 1,
        "200": 0,
        "239": 0,
        "240": 0,
        "241": 40486
      },
      "satellites": 13,
      "Its": 1675210411586,
      "isAccOn": false,
      "isPlugOut": false
    },
    {
      "latitude": 12.9574766,
      "longitude": 77.4760183,
      "speed": 0,
      "altitude": 854,
      "direction": 199,
      "timestamp": 1675210708000,
      "params": {
        "16": 17681663,
        "17": 79,
        "18": 35,
        "19": 15,
        "21": 4,
        "24": 0,
        "25": 300,
        "26": 3000,
        "27": 3000,
        "28": 3000,
        "66": 12567,
        "67": 4076,
        "68": 0,
        "69": 1,
        "200": 0,
        "239": 0,
        "240": 0,
        "241": 40486
      },
      "satellites": 14,
      "Its": 1675210710867,
      "isAccOn": false,
      "isPlugOut": false
    }
  ]
}
```