



What is our GOAL for this MODULE?

We used the NASA API to get data about different asteroids/meteors.

What did we ACHIEVE in the class TODAY?

- Generated the API key to access the data.
- Used the API key to get data from the asteroids API.
- Generate threat scores for the meteors

Which CONCEPTS/ CODING BLOCKS did we cover today?

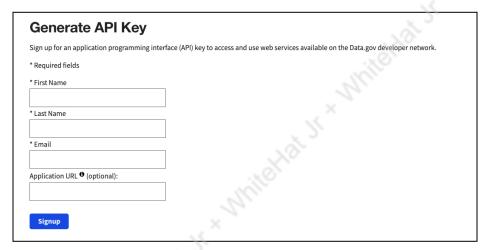
- Usage of API.
- Advanced JavaScript concepts to perform array operations

How did we DO the activities?

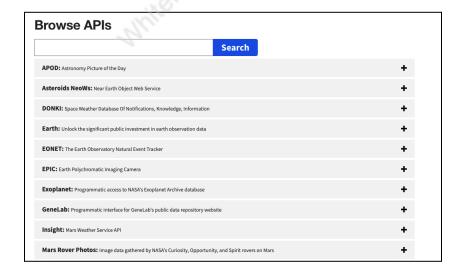


1. Sign up on the NASA website to generate the API key.



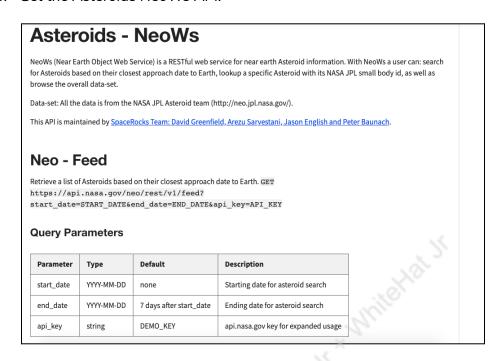


2. Browse through all the APIs provided by NASA to get the asteroids API.

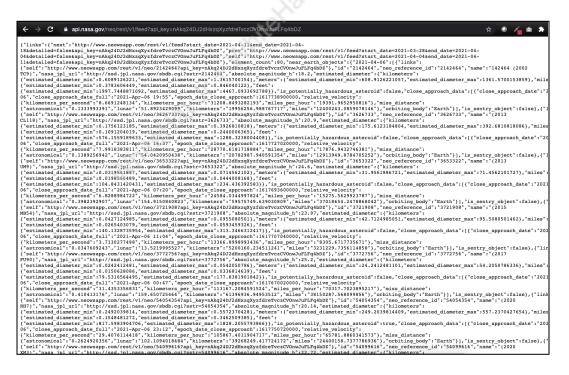




3. Get the Asteroids NeoWs API.

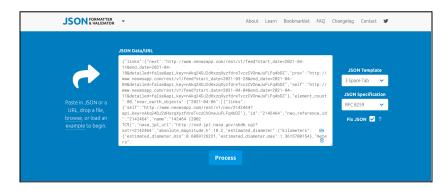


4. Check for the data on the asteroids API.





5. Use the JSON formatter to make it readable.



6. Write a getMeteor function to get the data using the asteroids API.

```
import React, { Component } from 'react'
import { Text, View } from 'react-native';
import axios from "axios";
export default class MeteorScreen extends Component {
    getMeteors = () => {
        axios
            .get("https://api.nasa.gov/neo/rest/v1/feed?api_key=nAkq24DJ2dHxzqXyzfdreTvczCVOnwJ
            .then(response => {
                this.setState({ meteors: response.data.near_earth_objects })
            .catch(error => {
                Alert.alert(error.message)
    render() {
        return (
            <View
                style={{
                   flex: 1.
                    justifyContent: "center",
                    alignItems: "center"
                <Text>Meteor Screen!</Text>
            </View>
```



7. Call the function in the ComponentDidMount function.

```
constructor(props) {
    super(props);
    this.state = {
        meteors: {},
    };
}

componentDidMount() {
    this.getMeteors()
}
```

8. Write code to get the specific needed data from the provided data.

What's NEXT?

In the next class, we will work on completing our meteor screen and with it, our ISS Tracker app will get completed.

EXTEND YOUR KNOWLEDGE

 Learn & Experiment more with Arrays and operations: https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/A rray