Phone-hunter API

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Try this

```
fetch('https://openapi.programming-hero.com/api/phones?search=iphone')
  .then(response => response.json())
  .then(json => console.log(json))
```

```
Object { status: true, data: (15) […] }
```

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What is it

Phone-hunter API is being created by programming hero so that **you can practice API related tasks and get some fake data.**

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Purpose

- Getting all of the phone information by searching any phone name. For 4 types of phone you will get information: **samsung, iphone, huawei, oppo**.

- Getting the detail information for a single phone. For example: **apple-iphone-13-pro-max**

Phone search

- URL format:
  https://openapi.programming-hero.com/api/phones?search=${searchText}

- Example:
  https://openapi.programming-hero.com/api/phones?search=iphone

Single phone detail

- URL format:
  https://openapi.programming-hero.com/api/phone/${id}

- Example:
  https://openapi.programming-hero.com/api/phone/apple_iphone_13_pro_max-11089

Search result for

https://openapi.programming-hero.com/api/phone/apple_iphone_13_pro_max-11089


```
{
  "status": true,
  "data": {
    "mainFeatures": {
      "storage": "128GB/256GB/1TB storage, no card slot",
      "displaySize": "6.7 inches, 109.8 cm2 (~87.4% screen-to-body ratio)",
      "chipSet": "Apple A15 Bionic (5 nm)",
      "memory": "128GB 6GB RAM, 256GB 6GB RAM, 512GB 6GB RAM, 1TB 6GB RAM",
      "sensors": [
        "Face ID",
        "accelerometer",
        "gyro",
        "proximity",
        "compass",
        "barometer"
      ]
    },
    "slug": "apple_iphone_13_pro_max-11089",
    "name": "iPhone 13 Pro Max",
    "releaseDate": "Released 2021, September 24",
    "brand": "Apple",
    "image": "https://fdn2.gsmarena.com/vv/bigpic/apple-iphone-13-pro-max.jpg",
    "others": {
      "WLAN": "Wi-Fi 802.11 a/b/g/n/ac/6, dual-band, hotspot",
      "Bluetooth": "5.0, A2DP, LE",
      "GPS": "Yes, with A-GPS, GLONASS, GALILEO, BDS, QZSS",
      "NFC": "Yes",
      "Radio": "No",
      "USB": "Lightning, USB 2.0"
    }
  }
}
```


Phone id

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Our objective using the API

- Accessing property of nested object
- Loading some data using array slice
  (example: total output:50, getting 10 data from 50)
- Loading rest results after clicking more button
- Error handling on search
  (example: empty search)
  (example: wrong search)
- Spinner on loading
- Handling missing property using optional chaining
- Showing use of ternary operator (optional)
- Getting details of a phone using modal on button click

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Let’s Practice

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