XMLHTTP REQUESTS

1) **CODE:**

   Index.html

```html
<!DOCTYPE html>
<html lang="en">
  <head>
        <title>GUVI App</title>
  </head>

  <body>
        <div id="root"></div>
        <script src="scripts.js"></script>
  </body>
</html>
```

   Scripts.js

```javascript
var request = new XMLHttpRequest()
request.open('GET', 'https://dog.ceo/api/breeds/list/all', true)
request.send();
request.onload = function() {
        var data = JSON.parse(this.response);
        for (var i= 0; i<=data.length; i++)
         console.log(data[i]);
}
```

OUTPUT:

{"message":{"affenpinscher":[],"african":[],"airedale":[],"akita":[],"appenzeller":[],"australian":["shepherd"],"basenji":[],"beagle":[],"bluetick":[],"borzoi":[],"bouvier":[],"boxer":[],"brabancon":[],"briard":[],"buhund":["norwegian"],"bulldog":["boston","english","french"],"bullterrier":["staffordshire"],"cairn":[],"cattledog":["australian"],"chihuahua":[],"chow":[],"clumber":[],"cockapoo":[],"collie":["border"],"coonhound":[],"corgi":["cardigan"],"cotondetulear":[],"dachshund":[],"dalmatian":[],"dane":["great"],"deerhound":["scottish"],"dhole":[],"dingo":[],"doberman":[],"elkhound":["norwegian"],"entlebucher":[],"eskimo":[],"finnish":["lapphund"],"frise":["bichon"],"germanshepherd":[],"greyhound":["italian"],"groenendael":[],"havanese":[],"hound":["afghan","basset","blood","english","ibizan","plott","walker"],"husky":[],"keeshond":[],"kelpie":[],"komondor":[],"kuvasz":[],"labrador":[],"leonberg":[],"lha

sa":[],"malamute":[],"malinois":[],"maltese":[],"mastiff":["bull","english","tibetan"],"mexicanhairless":[],"mix":[],"mountain":["bernese","swiss"],"newfoundland":[],"otterhound":[],"ovcharka":["caucasian"],"papillon":[],"pekinese":[],"pembroke":[],"pinscher":["miniature"],"pitbull":[],"pointer":["german","germanlonghair"],"pomeranian":[],"poodle":["miniature","standard","toy"],"pug":[],"puggle":[],"pyrenees":[],"redbone":[],"retriever":["chesapeake","curly","flatcoated","golden"],"ridgeback":["rhodesian"],"rottweiler":[],"saluki":[],"samoyed":[],"schipperke":[],"schnauzer":["giant","miniature"],"setter":["english","gordon","irish"],"sheepdog":["english","shetland"],"shiba":[],"shihtzu":[],"spaniel":["blenheim","brittany","cocker","irish","japanese","sussex","welsh"],"springer":["english"],"stbernard":[],"terrier":["american","australian","bedlington","border","dandie","fox","irish","kerryblue","lakeland","norfolk","norwich","patterdale","russell","scottish","sealyham","silky","tibetan","toy","westhighland","wheaten","yorkshire"],"vizsla":[],"waterdog":["spanish"],"weimaraner":[],"whippet":[],"wolfhound":["irish"]},"status":"success"}

2) **CORS:**

CODE:

Index.html

```
<!DOCTYPE html>
<html lang="en">
  <head>
        <title>GUVI App</title>
  </head>

  <body>
        <div id="root"></div>
        <script src="scripts.js"></script>
  </body>
</html>
```

Scripts.js

```
var request = new XMLHttpRequest();
url_str =
"https://cors-anywhere.herokuapp.com/https://api.domainsdb.info/v1/domains/search?domain=facebook&zone=com";
request.open('GET', url_str, true)
request.setRequestHeader('X-Requested-With', 'CORS in Action');
request.send();
request.onload = function() {
```

```
var data = JSON.parse(this.response)
for (var i in data)
        console.log(data[i]);
}
```

OUTPUT:

0: Object { domain: "your-facebook-address.com", create_date:
"2020-07-25T06:07:00.044377", update_date: "2020-07-25T06:07:00.044380", … }

1: Object { domain: "xn--publicit-facebook-itb.com", create_date:
"2020-07-25T05:45:04.587864", update_date: "2020-07-25T05:45:04.587867", … }

2: Object { domain: "xn--facebook-nd6vu61f.com", create_date: "2020-07-25T05:41:42.476168",
update_date: "2020-07-25T05:41:42.476171", … }

3: Object { domain: "xn--facebook-no5og12f91rg78i.com", create_date:
"2020-07-25T05:41:42.476326", update_date: "2020-07-25T05:41:42.476329", … }

4: Object { domain: "xn--facebook-vacances-frjus-ucc.com", create_date:
"2020-07-25T05:41:42.476630", update_date: "2020-07-25T05:41:42.476632", … }

5: Object { domain: "xn--facebook-vd6vu61f.com", create_date: "2020-07-25T05:41:42.476781",
update_date: "2020-07-25T05:41:42.476784", … }

6: Object { domain: "xn--facebook-sd0mm24q.com", create_date:
"2020-07-25T05:41:42.476478", update_date: "2020-07-25T05:41:42.476481", … }

7: Object { domain: "xn--facebook-9s4goej6w4khkpe.com", create_date:
"2020-07-25T05:41:42.475227", update_date: "2020-07-25T05:41:42.475230", … }

8: Object { domain: "xn--facebook-9b0m.com", create_date: "2020-07-25T05:41:42.475078",
update_date: "2020-07-25T05:41:42.475081", … }

9: Object { domain: "xn--facebook-b92oe21l2hdcr8k.com", create_date:
"2020-07-25T05:41:42.475378", update_date: "2020-07-25T05:41:42.475381", … }

10: Object { domain: "xn--facebook-cretsiz-rzb.com", create_date:
"2020-07-25T05:41:42.475527", update_date: "2020-07-25T05:41:42.475530", … }

11: Object { domain: "xn--facebook-fr-business-yec.com", create_date: "2020-07-25T05:41:42.475677", update_date: "2020-07-25T05:41:42.475680", … }

12: Object { domain: "xn--facebook-lp1m169p5kb.com", create_date: "2020-07-25T05:41:42.475827", update_date: "2020-07-25T05:41:42.475830", … }

13: Object { domain: "xn--facebook-lp1m895bitcy07b4o1d.com", create_date: "2020-07-25T05:41:42.475979", update_date: "2020-07-25T05:41:42.475982", … }

14: Object { domain: "xn--facebook-0s4glb2c8vhto547a4yyd.com", create_date: "2020-07-25T05:41:42.474326", update_date: "2020-07-25T05:41:42.474329", … }

15: Object { domain: "xn--facebook-0s4gisxgx117cgf9a.com", create_date: "2020-07-25T05:41:42.474173", update_date: "2020-07-25T05:41:42.474176", … }

16: Object { domain: "xn--facebook-6ya.com", create_date: "2020-07-25T05:41:42.474477", update_date: "2020-07-25T05:41:42.474480", … }

17: Object { domain: "xn--facebook-7u1nr03f.com", create_date: "2020-07-25T05:41:42.474777", update_date: "2020-07-25T05:41:42.474780", … }

18: Object { domain: "xn--facebook-7u1nq10duohhy6p.com", create_date: "2020-07-25T05:41:42.474627", update_date: "2020-07-25T05:41:42.474630", … }

19: Object { domain: "xn--facebook-7u1nz16f.com", create_date: "2020-07-25T05:41:42.474927", update_date: "2020-07-25T05:41:42.474930", … }

20: Object { domain: "www-facebook-pages.com", create_date: "2020-07-25T05:27:10.376142", update_date: "2020-07-25T05:27:10.376146", … }

21: Object { domain: "www-facebook-login.com", create_date: "2020-07-25T05:27:10.375952", update_date: "2020-07-25T05:27:10.375954", … }

22: Object { domain: "what-is-my-facebook-id.com", create_date: "2020-07-25T05:01:35.885697", update_date: "2020-07-25T05:01:35.885702", … }

23: Object { domain: "virtualvision-facebook-marketing.com", create_date: "2020-07-25T04:30:42.633630", update_date: "2020-07-25T04:30:42.633633", … }

24: Object { domain: "unblock-facebook-china.com", create_date: "2020-07-25T03:57:04.925989", update_date: "2020-07-25T03:57:04.925992", … }

25: Object { domain: "uk-facebook-pages.com", create_date: "2020-07-25T03:54:30.532552", update_date: "2020-07-25T03:54:30.532555", … }

26: Object { domain: "ucretsiz-facebook-reklam.com", create_date: "2020-07-25T03:52:50.612399", update_date: "2020-07-25T03:52:50.612404", … }

27: Object { domain: "the-facebook-broker.com", create_date: "2020-07-25T02:28:33.397337", update_date: "2020-07-25T02:28:33.397340", … }

28: Object { domain: "the-facebook-ico.com", create_date: "2020-07-25T02:28:33.397489", update_date: "2020-07-25T02:28:33.397491", … }

29: Object { domain: "targeted-facebook-likes.com", create_date: "2020-07-25T02:08:07.618407", update_date: "2020-07-25T02:08:07.618410", … }

30: Object { domain: "swiss-facebook-awards.com", create_date: "2020-07-25T01:54:11.254582", update_date: "2020-07-25T01:54:11.254585", … }

31: Object { domain: "support-facebook-billing.com", create_date: "2020-07-25T01:48:11.922320", update_date: "2020-07-25T01:48:11.922325", … }

32: Object { domain: "publicite-facebook-maroc.com", create_date: "2020-07-24T22:16:15.985416", update_date: "2020-07-24T22:16:15.985419", … }

33: Object { domain: "piratage-facebook-2017.com", create_date: "2020-07-24T21:40:01.035264", update_date: "2020-07-24T21:40:01.035267", … }

34: Object { domain: "my-facebook-wise-public-money-business.com", create_date: "2020-07-24T19:32:59.013095", update_date: "2020-07-24T19:32:59.013098", … }

35: Object { domain: "my-facebook-genial-cash-business.com", create_date: "2020-07-24T19:32:59.012183", update_date: "2020-07-24T19:32:59.012185", … }

36: Object { domain: "my-facebook-libra.com", create_date: "2020-07-24T19:32:59.012491", update_date: "2020-07-24T19:32:59.012494", … }

37: Object { domain: "my-facebook-public-money-biz.com", create_date: "2020-07-24T19:32:59.012794", update_date: "2020-07-24T19:32:59.012797", … }

38: Object { domain: "my-facebook-id.com", create_date: "2020-07-24T19:32:59.012339", update_date: "2020-07-24T19:32:59.012342", … }

39: Object { domain: "my-facebook-marketplace.com", create_date: "2020-07-24T19:32:59.012642", update_date: "2020-07-24T19:32:59.012645", … }

40: Object { domain: "my-facebook-social-cash-trade-group.com", create_date: "2020-07-24T19:32:59.012945", update_date: "2020-07-24T19:32:59.012948", … }

41: Object { domain: "mafia-wars-facebook-guide.com", create_date: "2020-07-24T17:58:45.080546", update_date: "2020-07-24T17:58:45.080549", … }

42: Object { domain: "m-facebook-profile.com", create_date: "2020-07-24T17:54:08.583395", update_date: "2020-07-24T17:54:08.583400", … }

43: Object { domain: "m-facebook-portali.com", create_date: "2020-07-24T17:54:08.583114", update_date: "2020-07-24T17:54:08.583119", … }

44: Object { domain: "m-facebook-tr.com", create_date: "2020-07-24T17:54:08.583658", update_date: "2020-07-24T17:54:08.583663", … }

45: Object { domain: "m-facebook-giris-portali.com", create_date: "2020-07-24T17:54:08.582953", update_date: "2020-07-24T17:54:08.582956", … }

46: Object { domain: "help-facebook-secure-page.com", create_date: "2020-07-24T13:34:07.898207", update_date: "2020-07-24T13:34:07.898209", … }

47: Object { domain: "google-facebook-twitter.com", create_date: "2020-07-24T12:42:53.790994", update_date: "2020-07-24T12:42:53.790999", … }

48: Object { domain: "google-facebook-twitter-instagram.com", create_date: "2020-07-24T12:42:53.790814", update_date: "2020-07-24T12:42:53.790816", … }

49: Object { domain: "get-free-facebook-connect-phone.com", create_date: "2020-07-24T12:21:13.025007", update_date: "2020-07-24T12:21:13.025010", … }

length: 50

<prototype>: Array []
scripts.js:10:13

3) WEATHER DATA

CODE:

Index.html

```html
<!DOCTYPE html>
<html lang="en">
 <head>
        <title>GUVI App</title>
 </head>

 <body>
        <div id="root"></div>
        <script src="scripts.js"></script>
 </body>
</html>
```

Scripts.js

```javascript
var request = new XMLHttpRequest();
var url_str =
"https://cors-anywhere.herokuapp.com/https://api.openweathermap.org/data/2.5/forecast
?q=London,uk&APPID=5151d501a141455f47dcc10160a16c21";
request.open('GET', url_str, true)
request.setRequestHeader("X-API-Key","5151d501a141455f47dcc10160a16c21");
request.send();
request.onload = function() {

var data = JSON.parse(this.response)
for (var i in data)
        console.log(data[i]);
}
```

OUTPUT:

coord: Object { lat: 55.8652, lon: -4.2576 }

country: "GB"

id: 2648579

name: "Glasgow"

population: 610268

sunrise: 1599629876

sunset: 1599677455

timezone: 3600

<prototype>: Object { … }