

# JQuery / Ajax

Brainster Web Development Academy



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# Exercise 01

Make a search engine for gifs.

Add an input type text, a search button and a remove button.

A screenshot of a web interface titled "GIPHY PARTY". Below the title, there are three buttons: a text input field with the placeholder "Enter something", a button labeled "Search giphy", and a red button labeled "Remove images".

GIPHY PARTY

Enter something Search giphy Remove images

When you click on the search button, you need to take the value of the input and concatenate it to the api url as a parameter and send an ajax request:

[http://api.giphy.com/v1/gifs/search?q=\\${inputVal}&api\\_key=dc6zaTOxFJmzC&](http://api.giphy.com/v1/gifs/search?q=${inputVal}&api_key=dc6zaTOxFJmzC&)

The api returns one gif at a time, so each time you click on the search button, you need to append a new gif to the page.

When you click on the remove button, all gifs are cleared from the page.



# Exercise 02







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You need to make an ajax to the following url:

<https://reqres.in/api/users/>

The api gives you a list of users, all you need to do is put all their information in a table, and make a pagination with a least 4 pages.

List of users:

ID	First Name	Last Name	email	Avatar
1	George	Bluth	george.bluth@reqres.in	
2	Janet	Weaver	janet.weaver@reqres.in	
3	Emma	Wong	emma.wong@reqres.in	
4	Eve	Holt	eve.holt@reqres.in	
5	Charles	Morris	charles.morris@reqres.in	
6	Tracey	Ramos	tracey.ramos@reqres.in	

1 2 3 4



## Exercise 03

You need to make a weather forecast app.

The app will consist of two pages.

Both pages need to have an input where the user can type in a city name, and a search button, which when clicked, will display the results for the desired city.

You also need to add validations and make sure the user cannot send a request if the input is empty.

On the second page there's an additional input, one where the user can choose for how many days they would like to see the forecast for the specific city.

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The first page sends an ajax to the following url:

```
http://api.openweathermap.org/data/2.5/weather?q=${city}&units=metric&APPID=c10bb3bd22f90d636baa008b1529ee25
```


The second page sends an ajax to the following url:

```
http://api.openweathermap.org/data/2.5/forecast/daily?q=${city}&units=metric&cnt=${days}&APPID=c10bb3bd22f90d636baa008b1529ee25
```



# Exercise 03

Page one:

 Weather


CurrentForecastOpen Weather Map

Get Current Weather Information

Enter City Name

Current Weather for Skopje, MK

Weather: Clouds

Description:  broken clouds

Temperature: 14.26 °C

Pressure: 1015 hpa

Humidity: 93 %

Min Temperature: 13°C

Max Temperature: 15°C

Wind Speed: 0.5m/s


Wind Direction: 80°

Copyright © Weather App



# Exercise 03

Page two:





Weather
Current
Forecast
Open Weather Map

Get Weather Forecast

Enter City Name

Number: Min - 1 & Max - 16

Weather forecast for Skopje, MK

Icon	Weather	Description	Morning Temperature	Night Temperature	Min. Temperature	Max. Temperature	Pressure	Humidity	Wind Speed	Wind Direction
	Rain	light rain	14.28°C	10.74°C	10.74°C	14.28°C	1014hpa	52%	1.69m/s	90°
	Rain	moderate rain	10.88°C	10.57°C	10.57°C	17.41°C	1012hpa	70%	0.93m/s	22°
	Clouds	overcast clouds	9.05°C	9.53°C	8.96°C	15.1°C	1019hpa	58%	0.31m/s	39°



# Break a leg!

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If there is not enough time, try to finish the exercise at home.

