

Script: Champions League

In the given REST API contains information about football matches played in the year 2015.

Given an integer k , denoting the minimum number of matches we are interested in, your task is to use the API to get the names of teams that have at least k matches in the given year in the UEFA Champions League. The result should be returned as an array and ordered in ascending order.

The API uses pagination to return the data in multiple pages. Fetching the whole data from the API requires multiple requests.

To fetch a single page of matches played in UEFA Champions League in the given year, perform HTTP GET request to:

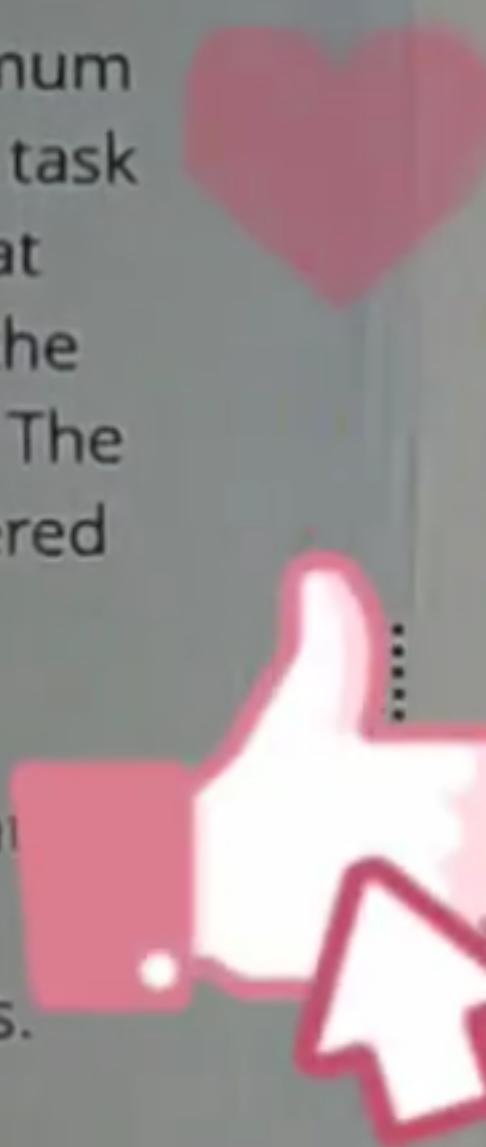
https://jsonmock.hackerrank.com/api/football_matches?competition=UEFA%20Champions%20League&year=<year>&page=<pageNumber>

Where $<year>$ denotes the year of the match and $<pageNumber>$ is an integer denoting the page of the data we are requesting.

Language: javascript(Node.js) Autocomplete Ready

```
1 > 'use strict';...
26
27 const fetch = (url) => {
28     return new Promise((resolve, reject) => {
29         https
30             .get(url, (resp) => {
31                 let data = '';
32
33                 // A chunk of data has been received.
34                 resp.on('data', (chunk) => {
35                     data += chunk;
36                 });
37
38                 // The whole response has been received. Print out the result.
39                 resp.on('end', () => {
40                     resolve(data);
41                 });
42             });
43
44     });
45 };
46 });
47 };
48
49 const getAPIURL = (year, page) => {
50     return `https://jsonmock.hackerrank.com/api/football_matches?competition=UEFA%20Champions%20League&year=${year}&page=${page}`;
51 };
52
53 const getFootballMatches = (year, page) => {
54     const url = getAPIURL(year, page);
```

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JavaScript: Champions League

challenge, the given REST API contains information about football matches played in the year 2015.

Given a year and integer k , denoting the minimum number of matches we are interested in, your task is to use the API to get the names of teams that have played at least k matches in the given year in the competition named UEFA Champions League. The result must be returned as an array and ordered in ascending order.

The API uses pagination to return the data in multiple pages. Fetching the whole data from the API requires multiple requests.

To fetch a single page of matches played in UEFA Champions League in the given year, perform HTTP request to:

https://jsonmock.hackerrank.com/api/football_matches?competition=UEFA%20Champions%20League&year=<YEAR>&page=<pageNumber>

<YEAR> denotes the year of the match and <pageNumber> is an integer denoting the page of the data we are requesting.

Language: JavaScript(Node.js) Autocomplete Ready ⓘ

```
64 // API endpoint template: https://jsonmock.hackerrank.com/api/football_matches?  
competition=UEFA%20Champions%20League&year=<YEAR>&page=<PAGE_NUMBER>  
65 const matchesPerTeam = {};  
66 let initialPage = 1;  
67 let totalPages = 1;  
68 while (initialPage <= totalPages) {  
69   const { total_pages, data: matches } = await getFootballMatches(  
70     year,  
71     initialPage,  
72   );  
73  
74   matches.forEach(({ team1, team2 }) => {  
75     matchesPerTeam[team1] = (matchesPerTeam[team1] || 0) + 1;  
76     matchesPerTeam[team2] = (matchesPerTeam[team2] || 0) + 1;  
77   });  
78  
79   .sort();  
80 }  
81  
82 // function main(year, k) {  
83 //   getTeams(year, k)  
84 //     .then((result) => console.log(result))  
85 //     .catch((e) => console.error(e.message));  
86 //   }  
87  
88 // async function main() {  
89 //   const result = await main(2015, 3);  
90 //   console.log(result);  
91 // }  
92  
93 > async function main() {  
94   const result = await main(2015, 3);  
95   console.log(result);  
96 }
```

SUBSCRIBE



Script: Champions League

In this challenge, the given REST API contains information about football matches played in the UEFA Champions League between 2011 and 2015.

You are given a year and integer k , denoting the minimum number of matches we are interested in, your task is to use the API to get the names of teams that have played at least k matches in the given year in the UEFA Champions League. The result must be returned as an array and ordered in ascending order.

The API uses pagination to return the data in multiple pages. Fetching the whole data from the API requires multiple requests.

To fetch a single page of matches played in UEFA Champions League in the given year, perform HTTP request to:

https://jsonmock.hackerrank.com/api/football_matches?competition=UEFA%20Champions%20League&year=<YEAR>&page=<pageNumber>

Where $<YEAR>$ denotes the year of the match and $<pageNumber>$ is an integer denoting the page of results we are requesting.

```
64  // API endpoint template: https://jsonmock.hackerrank.com/api/football_matches?  
competition=UEFA%20Champions%20League&year=<YEAR>&page=<PAGE_NUMBER>  
65  const matchesPerTeam = {};  
66  let initialPage = 1;  
67  let totalPages = 1;  
68  while (initialPage <= totalPages) {  
69    const { total_pages, data: matches } = await getFootballMatches(  
70      year,  
71      initialPage,  
72    );  
73  
74    matches.forEach(({ team1, team2 }) => {  
75      matchesPerTeam[team1] = (matchesPerTeam[team1] || 0) + 1;  
76      matchesPerTeam[team2] = (matchesPerTeam[team2] || 0) + 1;  
77    });  
78    totalPages = total_pages;  
79    initialPage += 1;  
80  }  
81  return Object.entries(matchesPerTeam)  
82    .filter(([ , numOfMatches]) => numOfMatches >= k)  
83    .map(([team]) => team)  
84    .sort();  
85 }  
86  
87 // function main(year, k) {  
88 //   getTeams(year, k)  
89 //     .then((result) => console.log(result))  
90 //     .catch((e) => console.error(e.message));  
91 // }  
92  
93 > async function main() { ... }
```

Sample: a GET request to

Test Results

Custom Input

Run Code

Run Tests

```
26
27 const fetch = (url) => {
28   return new Promise((resolve, reject) => {
29     https
30       .get(url, (resp) => {
31         let data = '';
32
33         // A chunk of data has been received.
34         resp.on('data', (chunk) => {
35           data += chunk;
36         });
37       })
38     })
39   .then(data => resolve(data))
40   .catch(error => reject(error));
41 }
```

Test Results**Custom Input****Abort****Run Test****Uploaded. Waiting for results...**

challenge, the given REST API contains information about football matches played in the year 2015.

year and integer k , denoting the minimum number of matches we are interested in, your task is to use the API to get the names of teams that have played at least k matches in the given year in the competition named UEFA Champions League. The result must be returned as an array and ordered in ascending order.

The API uses pagination to return the data in multiple pages. Fetching the whole data from the API requires multiple requests.

To get a single page of matches played in UEFA Champions League in the given year, perform HTTP GET request to:

https://sonmock.hackerrank.com/api/football_

?
competition=UEFA%20Champions%20League&year=<year>&page=<pageNumber>

<year> denotes the year of the match and <pageNumber> is an integer denoting the page of matches we are requesting.

For example, a GET request to

HackerRank ...

[hackerrank.com/test/dff5pp65l92/questions/53fb44as1hf](#) Star Edit More

33m left Autocomplete Ready

ALL **2. JavaScript: Champions League**

Teams

1 In this challenge, the given REST API contains information about football matches played in the years 2011-2015.

2 Given a year and integer k , denoting the minimum number of matches we are interested in, your task is to use the API to get the names of teams that played at least k matches in the given year in the competition named UEFA Champions League. The names must be returned as an array and ordered in ascending order.

The given API uses pagination to return the data divided into pages. Fetching the whole data available on the API requires multiple requests.

To get a single page of matches played in UEFA Champions League in the given year, perform HTTP GET request to:

https://jsonmock.hackerrank.com/api/football_matches?competition=UEFA%20Champions%20League&year=<year>&page=<pageNumber>

where $<year>$ denotes the year of the match and $<pageNumber>$ is an integer denoting the page of the results we are requesting.

For example, a GET request to

Type here to search 12:44
18-09-2020