

6.May 05 Dev_WebScrapping 2

24 January 2022
20:48

Why we export a fxn from allMatches rather than exporting allMatchesLink form homepage?

```
JS homepage.js U X
Module1 > Lec5_WebScrapping_2 > JS homepage.js > ...
1 let matchLink = "https://www.espncriinfo.com/series/ipl-2020-21-1210595";
2
3 const request = require("request");
4 const cheerio = require("cheerio");
5
6 // hof
7 request(matchLink, function(err, res, data){
8   processData(data);
9 })
10
11 let allMatchesLink;
12
13 function processData(html){
14   let myDocument = cheerio.load(html);
15   let aTag = myDocument(".widget-items.cta-link a");
16   // console.log(aTag);
17
18   // console.log(aTag.attr("href"));
19   allMatchesLink = "https://www.espncriinfo.com" + aTag[0].attribs.href;
20   console.log(allMatchesLink);
21 }
22
23 module.exports = allMatchesLink;
```

```
JS allMatches.js U X
Module1 > Lec5_WebScrapping_2 > JS allMatches.js > ...
1 const request = require("request");
2 const cheerio = require("cheerio");
3 const allMatchesLink = require("./homepage");
4
5
6
7
8 request(allMatchesLink, function(err, res, data){
9   console.log(data);
10 })
11
```

Ab iss wale code me humne homepage se allMatchesLink ko export kr diya hai aur usko allMatches wali file me get kr liya hai naam ke variable me

Lekin allMatches wali file me jo request fxn likha hai wo chlega to shi lekin usko data nhi milega

Reason : jo request fxn hote hai wo hof hote hai to iska matlab ye hai ki jb hum home page wala request fxn chalega to wo wait krega jab tak data aa nhi jaata aur jaise hi data aa jaayega tab jaake wo iske callback fxn ko call lagayega iska jisme processData fxn lik ha hua hai Iska matlab ye hai ki jab hum allMatchesLink ko export kr rhe honge tab tak processData nhi chala hoga to iska matlab ki allMatchesLink undefined jaayega aur allMatches wale request fxn ko data nhi mil paayega

```
JS homepage.js U X
Module1 > Lec5_WebScrapping_2 > JS homepage.js > ...
1 let matchLink = "https://www.espncriinfo.com/series/ipl-2020-21-1210595";
2
3 const request = require("request");
4 const cheerio = require("cheerio");
5 const getAllMatches = require("./allMatches");
6
7 // hof
8 request(matchLink, function(err, res, data){
9   processData(data);
10 })
11
12
13 function processData(html){
14   let myDocument = cheerio.load(html);
15   let aTag = myDocument(".widget-items.cta-link a");
16   // console.log(aTag);
17   // console.log(aTag.attr("href"));
18   let allMatchesLink = "https://www.espncriinfo.com" + aTag[0].attribs.h
19   getAllMatches(allMatchesLink);
20 }
21
```

```
JS allMatches.js U X
Module1 > Lec5_WebScrapping_2 > JS allMatches.js > processData
1 const request = require("request");
2 const cheerio = require("cheerio");
3 const allMatchesLink = require("./homepage");
4
5
6
7 function get (parameter) allMatchesLink: any
8   request(allMatchesLink, function(err, res, data){
9     processData(data);
10   })
11 }
12
13
14 function processData(html){
15   console.log(html);
16 }
17
18
19
20 module.exports = getAllMatches;
```

To ab hume kya kiya ki allMatches me ek getAllMatches naam ka ek fxn bna liya jise export krke homepage.js me get kr liya ab iska faayda hai ki is getAllMatches fxn ko hume aisi jagah invoke krke allMatchesLink pass kr rkha hai jaha pe allMatchesLink me link aa jaata hai Aur fir yaha se invoke hoke ye fxn jab allMatches.js me run hota hai to uske andar likha request fxn chlta hai jise iss baar allMatchesLink me actual link mila hua hai to jaise hi request ke paas data aa jaata hai ye apne callback fxn ko call lga deta hai jo processData ko call lga deta