程序代写代做 CS编程辅导



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We've made it to the of content! Personally, it's the last week of tutoring for me, which feels like it deserves reflection. Thanks for collective beingta really resolutions.

Speaking of reflection As My Experience je outp Exame Help make this course better next time!

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Oh, also, I have no idea what happens to my slides on Gitlab once I graduate, maybe downio ad the Mark foo want to keep them.

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Tutorial 10 is an opportunity for the tutor and their students to highlight particular the students feel might need a bit more exploration, particular the exam that is coming up.

A number of topics by the exam that you may want your tutor to go through:

- 1. HTML WeChat: cstutorcs
- 2. CSS Selectors Formatting Layouts Dev Hopls
- 3. NodeJS Basics
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 4. Javascript in browser Importing, DOM manipulation, forms, events, 100315406366476
- 5. ReactJS Components, hooks, routing https://tutorcs.com
- 6. UI/UX principles
- 7. Accessibility principles
- 8. Testing principles

Giving You Some Thinking Time...



Please think of thing Wounder a fittle confused about in this course!

But in the meantime, I just wanted to cover one fun thing today

— closures!

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TI.DR 程序代写代做 CS编程辅导



You can think of a clear at tuple: (function, environment).

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An environment is a mapping from variables to values. That is, it's basically a function that gives you values for variables.

That's all the remember is your self-that's all the remember is your self-that it probably won't make much sense. Let's try4338 explain...

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Let's create a function can use like binaryAdd(2)(3) 5. An important thing to note is that we have first-class functions (binaryAdd) s a function that returns a function.)

Assignment Project Exam Help const binaryAdd = x => (y => x + y)

(The => operator is right-associative, so you don't actually need those parentheses; it othere to emphasise that we're returning a function.)

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We can use it like:

```
const binary/hd(2);

const add2 = Dinay-hdd(2);

console.log(add2(5)) // cstutorcs
```

Calling binaryAdd(2) returns a function that takes a number y and returns x + y. But notice that x is only available within the scope of binaryAddEmail: tutorcs@163.com

Calling add2(5) will bind 745389478 then try to compute x + 5. This will try and find the value for x by performing scope resolution (checking the cirrenvironment, then all the outer environments).

What happens in land the closure (like JavaScript) is that binaryAdd(2) returns a closure (i.e. (function, environment)), not Wis Chafunctionors, the lifetime of x is extended beyond the lifetime of binaryAdd.

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For example, we might do something like

window.onClick = typais theres (Rank); Whenever window.onClick gets called the yalue for name will be found in the closure!

That's Pretty Much It 程序代写代做 CS编程辅导



It's honestly not the west-important thing to know; it's hopefully already intuitively obvious. However, I think understanding why things work lets you take about your code Better (Levery important thing).

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Theresis More 程序符写代做 CS编程辅导

One thing to notice is sures kind of let us do encapsulation. Before, the x variable swallable in the global scope, but we could run add2(5) successfully! We've hidden some state in our closure.

See the **Emulating privite methods with closures** section of the MDN page for an example of how you can use functions as a simplified class!

Essentially, our closure is 746 function with as much encapsulated state (the variables weights state) saying like.

VS

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A common technique popular programming (which you can totally do in JavaScrie rying.

Notice how we didn't do

const uncurriedAdWeCl(at; cy)utorcx + y, which would be

called like uncurriedAdd(2, 5) instead of binaryAdd(2)(5)?

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We've written a curried version, and now we can pass around partially applied functional Fortexample 63.com

```
[1, 5, 2, 3] map(745389178rriedAdd(2, x))

https://tutorcs.com
[1, 5, 2, 3].map(binaryAdd(2))
```

11

Things to Cover 辑导

out of things to discuss, here are In the likely event th some ideas:

- Semantic HTML Were hartesestutores
- Doing a random assignment a code review Help
- Using a CSS framework like Bulma in React (rbx);
 Email: tutorcs@163.com
 Going through a lab question together;
- Trying to list UIQQX 70038694766ns on the fly;