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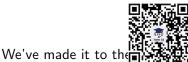
Assignment Project Exam Help sidney.pham@unsw.edu.au

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Week 10, Term 3 2020

The End 程序代写代做 CS编程辅导



of content!

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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 recollective.

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Speaking of reflection As Mystixperie Project pExamelads 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.

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... 程序代写代做 CS编程辅导



Please think of thing Worker a father of this course!

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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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TL:DR 程序代写代做 CS编程辅导

You can think of a class and tuple: (function,

environment). WeChat: cstutorcs

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TI:DR 程序代写代做 CS编程辅导



You can think of a clear to tuple: (function,

environment). WeChat: cstutorcs

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

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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...

程序代写代做Adder报辅导



Let's create a function can use like binaryAdd(2)(3)

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

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程序代写代做公编程辅导

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.)

We can use it like:



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We can use it like:

```
const binary/hat => y => x + y
const add2 = 1.2.4.4dd(2);
console.log(add2(5))

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```

Calling binaryAdd(2) returns a function that takes a number y and returns x + y.

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We can use it like:

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

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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 74ty 59474 then try to compute x + 5.

We can use it like:

```
const binary/id (2137 > y => x + y const add2 = 1237 Add(2); console.log(add2(3)) cstutores
```

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 language the closures (like JavaScript) is that binaryAdd(2) returns a closure (i.e. (function, environment)), not Wis Chafting to the control of the contr

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

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

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For example, we might do something like window.onClick = Final: tateres(Rahe); Whenever window.onClick gets called the value 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 most important thing to know; it's hopefully already intuitively obvious.

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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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There is More 程序代写代做 CS编程辅导

One thing to notice



sures kind of let us do encapsulation.

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

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There is More 程序符号代做 CS编程辅导

One thing to notice is sures kind of let us do encapsulation. Before, the x variable variable 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!

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Theresis More 程序符写代做 CS编程辅导

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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.

A common technique on a programming (which you can totally do in JavaScried rying.

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A common technique on a programming (which you can totally do in JavaScrient Typing.

Notice how we didn't do

const uncurriedAdWeCl(at; cs)utorcs + y, which would be

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

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A common technique policy policy policy programming (which you can totally do in JavaScrient Typing.

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

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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);
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 Going through a lab question together;
- Trying to list UIQQX 70038694766ns on the fly;