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//课后练习一:
//备课人：韦晓余
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//请说出程序的运行结果:

//第一道题　请说出程序的运行结果
var nut = function(){
    console.log("this is nut-1")
    return "this is nut-2"
}
nut()

//第二道题目　请说出程序的运行结果

var lichee = function (){
    console.log("this is lichee-1")
    return "this is lichee-2"
}()

//第三道题目　如何让pear也能运行并输出结果

var watermelon = function(){
   console.log("this is watermelon-1")
   return function pear(){
       console.log("this is pear-1")
   }
}

//第四道题目　请说出程序的运行结果


let banana  = function banana(){
    console.log("this is banana-1")
    return ()=> function(){console.log("this is Anonymous function")}()
}
banana()()


//第五道题目　如何打印出 this is MyGrapNut

let grape = function redGrape(){
    return {
        name:"my name is red grape",
        printMyName:()=>{
            return ()=>{
                return Object.create({
                    name:"my name is grape nut",
                    printMyGrapeNut:function(){
                        console.log("this is MyGrapNut")
                    }
                })
            }
        }
    }
}
```

```javascript
//第六道题目  请说出程序的运行结果

var redPlum = ()=>{
    return 100
}
var bluePlum =(blue)=>{
    return 200 * blue()
}
var plum = (plum2,plum1)=>{
    let result = plum1(plum2)
    console.log(result);
}
plum(redPlum,bluePlum)


//第七道题目     请 在console.log里面完善代码，并使得程序运行打印出
//this is red apple 和 this is blue apple
let red = function readApple(){
    return ()=>{
        return function(){
            return ()=>{
             return  function(){
                console.log("this is red apple")
                return "this is blue apple"
             }
            }
        }
    }
}

let apple = function redApple(){
    console.log("请在这里完善代码")
}()


//第八道题目     请说出程序的运行结果

(function(x){
    x()
    console.log("this is yellow orange")
    console.log(function blueOrange(){
        console.log("this is blue orange")
    }())

})(function(){
    console.log("this is orange")
    return "this is red orange"
})


//第九道题目     如果想把 this is small orange 和 this is big orange 都打印出来如何操作

var blackOrange = ()=> function(){console.log("this is small orange")
 return function(){
    console.log("this is big orange")
 }()
```

```javascript
}()


//第十道题目    补充程序代码，运行打印出 9999

let blackberry = function (){
    console.log("this is blackberry")
    return {
        smallBlackberry: ()=>{
            console.log("this is smallBlackberry")
            return ()=>{
                console.log("this is smallBlackberry nut ")
                return 9999
            }
        }
    }
}()



//第十一道题目   请说出程序的运行结果

function bigNut(func){
    let smallNut = function (s){
        s()
        console.log("this is small nut")
        return 200
    }
    let middleNut = function(m){
        m()
        console.log("this is middle nut")
        return 300
    }
    return func(smallNut,middleNut)
}


function redNut(x,y){
    function blueNut(){
        console.log("this is blueNut")
    }
    function yellowNut(){
        console.log("this is yellowNut")
    }
    return ()=>{
        console.log(x(blueNut)+y(yellowNut))
    }
}

bigNut(redNut)()


//第十二道题目

var haw = (x,y)=>{
    return ()=>{
        x(y)
    }
```

```
}

function lichee(li){
    console.log(li())
}

function nut(){
    console.log("this is nut");
    return "this is lichee"
}

haw(lichee,nut)()
```