

Initially , we are dependent on user to invoke the method in particular format.

```
functions > JS day8_2.js > [e] paymentID
1 function searchItem (itemName){
2   console.log(`Searching item ${itemName}`)
3   return `ItemId : ${itemName}10 `
4 }
5 function addtoCart(itemID){
6   console.log(`Adding item with id ${itemID} to the cart`)
7   return `cartId : ${itemID}`
8 }
9 function checkoutCart(cartID) {
10  console.log(`Making payment for Checkout id as ${cartID}`)
11  return `checkout Id : ${cartID}`
12 }
13 function makePayment(checkoutID){
14  console.log(`Making payment for checkout id as ${checkoutID}`)
15  return `Payment ID generated is : ${checkoutID}`
16 }
17
18 const itemID = searchItem(`iPhone`)
19 const cartID = addtoCart(itemID)
20 const checkoutID = checkoutCart(cartID)
21 const paymentID = makePayment(checkoutID)
```



```
functions > JS day8_3.js > ...
1 function searchItem (itemName,fn){
2   console.log(`Searching item ${itemName}`)
3   const itemID = `ItemId : ${itemName}10 `
4   fn(itemID)
5 }
6 function addtoCart(itemID){
7   console.log(`Adding item with id ${itemID}`)
8   return `cartId : ${itemID}`
9 }
10
11 searchItem("Iphone",addtoCart)
```



PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
/usr/local/bin/node ./functions/day8_2.js
Searching item iPhone
Adding item with id ItemId : iPhone10 to the cart
Making payment for Checkout id as cartId : ItemId : iPhone10
Making payment for checkout id as checkout Id : cartId : ItemId : iPhone10
```

JS callbackfn.js JS day9.js U JS day8_2.js U JS day8_3.js U X JS day8rough.js U

```
functions > JS day8_3.js > [e] searchItem
```

```
1 function searchItem (itemName,cb){ // iPhone , add to Cart (line 6-10)
2   console.log(`Searching item ${itemName}`)
3   const itemID = `ItemId : ${itemName}10 `
4   cb(itemID, checkoutCart) → calling Add to Cart , checkout Cart (line 11-15)
5 }
6 function addtoCart(itemID , cb){
7   console.log(`Adding item with id ${itemID} to the cart`)
8   const cartID = `cartId : ${itemID}`
9   cb(cartID,makePayment)
10 }
11 function checkoutCart(cartID,cb) {
12   console.log(`Making payment for Checkout id as ${cartID}`)
13   const checkoutID = `checkout Id : ${cartID}`
14   cb(checkoutID)
15 }
16 function makePayment(checkoutID){
17   console.log(`Making payment for checkout id as ${checkoutID}`)
18   return `Payment ID generated is : ${checkoutID}`
19 }
20 //we are just calling one method , everything else is automatic
21 searchItem("Iphone",addtoCart)
```

Call Back Fn : checkout Cart
cb : Make Payment

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
/usr/local/bin/node ./functions/day8_3.js
Searching item Iphone
Adding item with id ItemId : Iphone10 to the cart
Making payment for Checkout id as cartId : ItemId : Iphone10
Making payment for checkout id as checkout Id : cartId : ItemId : Iphone10
```