* **How does the interpreter see the code?**

Var hello;

Console.log(hello);

hello =’world’;

**Result**: undefined

------------------------------------------------------------------------------------

* **How does the interpreter see the code?**

var needle ='haystack';

function test() {

var needle ='magnet';

console.log(needle);

}

test();

**Result**: magnet

-------------------------------------------------------------------------------------

* **How does the interpreter see the code?**

console.log(example);

let example="I'm the example!";

**Result**: error

--------------------------------------------------------------------------------------

* **How does the interpreter see the code?**

var brendan ='super cool';

function print() {

brendan='only ok';

console.log(brendan);

}

console.log(brendan);

**Result:** super cool

--------------------------------------------------------------------------------------

* **How does the interpreter see the code?**

var food ='chicken';

console.log(food);

eat();

function eat() {

var food;

food='half-chicken';

console.log(food);

food ='gone';

}

eat();

**Result:**

chicken

half-chicke

---------------------------------------------------------------------------------------

* **How does the interpreter see the code?**

**var mean;**

mean();

console.log(food)

function mean(){

var food

food="chicken";

console.log(food)

food="fish"

console.log(food)

}

console.log(food)

**Result: error**

**-----------------------------------------------------------------------------------------**

* **How does the interpreter see the code?**

var genre;

console.log(genre);

genre = "disco";

function rewind(){

var genre;

genre ="rock";

console.log(genre);

genre="r&b";

console.log(genre);

}

rewind();

console.log(genre);

**Result:**

undefined

rock

r&b

disco

--------------------------------------------------------------------------------------------

* **How does the interpreter see the code?**

dojo = "san jose";

console.log(dojo);

function learn(){

var dojo;

dojo="seattle";

console.log(dojo);

dojo = "burbank";

console.log(dojo);

}

learn();

console.log(dojo);

**Result:**

san jose

seattle

burbank

san jose

------------------------------------------------------------------------------------------

* **How does the interpreter see the code?**

console.log(MakeDojo("chicago",65));

console.log(MakeDojo("Berkeley",0));

function MakeDojo(name,students){

const Dojo = {};

Dojo.name=name;

Dojo.students=students;

if(Dojo.students>50){

Dojo.hiring=true;

}

else if(Dojo.students <= 0){

Dojo.hiring = "closed for now";

}

return Dojo;

}

**Result:**

{ name: 'chicago', students: 65, hiring: true }

{ name: 'Berkeley', students: 0, hiring: 'closed for now' }