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ES6 Assignment

1.

->

const x=10;

x=20;

o/p:

Uncaught TypeError: Assignment to constant variable

2.

->

function showScopeDemo(a){

    if(a>3){

        let x=2;

    }

    console.log(x);

}

showScopeDemo(3)

o/p:-

Uncaught ReferenceError: x is not defined

3.

->

var Order={

    id: 01,

    title: 'ORD001',

    price: 100,

    printOrder: function() {

        console.log(`id ${this.id} Title: ${this.title}`)

    },

    getPrice: function() {

        console.log(`price: ${this.price}`)

    }

};

Order.printOrder();

console.log(Order.id);

const Order1=Object.assign(Order);

Order.printOrder();

console.log(Order1.id);

4.

->

var arr=["apple","banana","orange"];

const items=arr.map(item => {

    return {name: item, size: item.length};

});

console.log(items);

5.

->

a.

->

function add(x=5,y=10){

    return x+y;

}

console.log(add(5,5));

console.log(add(10));

console.log(add());

b.

->

var displayFriends=(userName,...friends) =>{

    console.log(`Friends of ${userName}`);

    for(let i in friends){

        console.log(friends[i]);

    }

}

displayFriends('john', 'Pank','ortan','show');

c.

->

var displayFriends=(...names) =>{

    console.log(`Friends List `);

    for(let i in names){

        console.log(names[i].toUpperCase());

    }

}

let names=['john', 'Pank','ortan','show'];

displayFriends(...names)

6.

->

let modelNum='14s-fr0016AU';

let deskNum=12345678;

let name="Bob";

console.log(`HP Model: ${modelNum} Desk No.: ${deskNum} Name of ower: ${name}`);

7.

->

a.

->

const arr=['one','two','three'];

const[x,y,z]=arr;

console.log(z);

b.

->

let person={

        name:'john',

        address:{

            pincode:413006,

            city:'solapur'

        }

};

let {name,address}=person;

console.log(address.pincode);

8.

->

class Account{

    constructor(id,name,balance){

        this.id=id;

        this.name=name;

        this.balance=balance;

        this.interest=0;

    }

}

class SavingAccount extends Account{

    constructor(id,name,balance){

        super(id,name,balance);

        this.interest=8\*5;

    }

    printBalence(){

        console.log(`Saving Account ${this.interest\*this.balance}`);

    }

}

class CurrentAccount extends Account{

    constructor(id,name,balance){

        super(id,name,balance);

        this.interest=8\*10;

    }

    printBalence(){

        console.log(`Current Account ${this.interest\*this.balance}`);

    }

}

let s=new SavingAccount(01,'john',3000);

s.printBalence();

let c=new CurrentAccount(01,'john',3000);

c.printBalence();