Text

Description automatically generated

class Rectangle{

    constructor (width,height)

    {

        this.width = width;

        this.height = height;

        this.getArea = function()

        {

            document.write("Area = " + (this.width\*this.height)+ "<br>");

        };

    }

}

var R1 = new Rectangle(20,50);

var R2 = new Rectangle(90,60);

document.write("R1 width = " + R1.width +" <br> R1 height = " + R1.height + "<br>");

document.write("R2 width = " + R2.width +" <br> R2 height = " + R2.height + "<br>");

R1.getArea();

R2.getArea();

Graphical user interface, text, application

Description automatically generated

Text

Description automatically generated

class Person{}

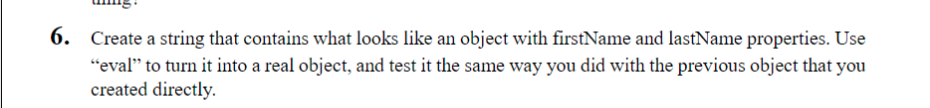
var P1 = new Person();

P1.firstName ="Changu";

P1.middleName = "Mangu";

P1.lastName = "Vadapavwala";

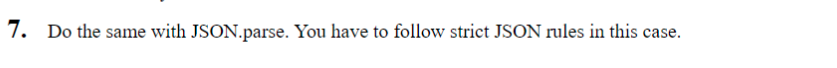
document.write("P1 = " + P1.firstName  +" " + P1.middleName + " " + P1.lastName + "<br>");



var string = '({"firstName":"Changu" , "lastName":"Vadapavwala"})';

var obj = eval(string);

document.write(obj.firstName + " " + obj.lastName);



var string = '{"firstName":"Changu" , "lastName":"Vadapavwala"}';

var obj = JSON.parse(string);

document.write(obj.firstName + " " + obj.lastName);

**Last 1,2,3:-**

function person(fname,lname,age,skill,dateofbirth,address,married,profession){

    this.fname=fname;

    this.lname=lname;

    this.age=age;

    this.skill=skill;

    this.dateofbirth=dateofbirth;

    this.address=address;

    this.married=married;

    this.profession=profession;

}

var person1=new person("nikhil", "goud",22,['c'],"24/10/1997",{city:"hyberabad",pincode:"521185"},"false","sr analyst");

var person2=new person("harish", "chinna",21,['html'],"8/6/1997",{city:"ammeerpet",pincode:"500038"},"false","jr analyst");

print=function(){

    console.log(person1);

    console.log(person2);

}();

amitabh=new person("amitabh", "bachan",22,['c'],"24/10/1997",{city:"hyberabad",pincode:"521185"},"false","sr analyst")

abhishek=new person("abhishek",21,['html'],"8/6/1997","false","jr analyst")

var abhishek=Object.create(amitabh);

aaradhya=new person("aaradhya",20,['python'],"10/5/2000","fresher")

var aaradhya=Object.create(amitabh,abhishek);

print=function(){

    console.log(amitabh);

    console.log(abhishek.lname);

    console.log(abhishek.address);

    console.log(aaradhya);

}();

**4:-**

class BankAccount{

    constructor(accountNumber, accountHolderName, accountBalance)

    {

        this.accountNumber = accountNumber;

        this.accountHolderName = accountHolderName;

        this.accountBalance = accountBalance;

        this.getCurrentBalance= function()

        {

            document.write(this.accountBalance);

        };

    }

}

class SavingsAccount extends BankAccount{

    constructor(accountNumber, accountHolderName, accountBalance, isSalary){

        super(accountNumber, accountHolderName, accountBalance);

        this.isSalary = isSalary;

        this.withdraw =function(amount)

        {

            this.accountBalance -= amount;

            if(accountBalance == 0)

            return -1;

        };

    }

}

class CurrentAccount extends BankAccount {

    constructor(accountNumber, accountHolderName, accountBalance, odLimit){

        super(accountNumber, accountHolderName, accountBalance);

        this.odLimit = odLimit;

        this.withdraw = function(amount)

        {

            this.accountBalance -= amount;

            if(accountBalance < 0)

            return -1;

        };

    }

}

var s1 = new SavingsAccount(50201024, "Changu Vadapavwala", 25000, 1);

s1.withdraw(5000);

s1.getCurrentBalance();