1&2…

```
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();
```

4&5..

```
class Person{}
var P1 = new Person();
P1.firstName ="Rakshita";
P1.middleName = "Singh";
P1.lastName = "Tomar";

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

6….

```
var string = '({"firstName":"Rakshita" , "lastName":"Tomar"})'; var
obj = eval(string);
document.write(obj.firstName + " " + obj.lastName);
```

7…

```
var string = '{"firstName":"Rakshita" , "lastName":"Tomar"}'; var
obj = JSON.parse(string);
document.write(obj.firstName + " " + obj.lastName);
```

8&9…

```
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("Rakshita",
"Tomar",22,[''java],"24/10/1997",{city:"noida",pincode:"23232"},"false","Eng
ineer");
var person2=new person("udita",
"Tomar",21,['html'],"6/3/1997",{city:"rajasthan",pincode:"454"},"false","
analyst");

print=function(){
    console.log(person1);
    console.log(person2);
}();

Sadhana=new person("Sadhana",
"Tomar",22,['c'],"24/10/1997",{city:"noida",pincode:"36344"},"false","Teacher
")
 shaurya=new person("shaurya",21,['html'],"8/6/1997","false","analyst")
 var shaurya=Object.create(sadhana);
  suniti=new person("suniti",20,['python'],"10/5/2000","fresher")
var suniti=Object.create(sadhana,shaurya);
print=function(){
    console.log(sadhana);
    console.log(shaurya.lname);
```

```
 console.log(shaurya.address);
    console.log(shaurya);
}();
```

11..

```
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(35454, "Rakshita Tomar", 56565, 1);
s1.withdraw(5000);
s1.getCurrentBalance();
```