Assignment 3

1.

->

function rectangle(){

  this.width=20;

  this.height=20;

}

var r1=new rectangle();

console.log(r1.width);

rectangle.width=50;

console.log(rectangle.width);

2.

->

function rectangle(){

  this.width=20;

  this.height=20;

}

const r1=new rectangle();

const r2=new rectangle();

rectangle.prototype.getArea = function() {

  console.log(this.width\*this.height);

}

r1.getArea();

r2.getArea();

3.

->

function rectangle(width,height){

  this.width=width;

  this.height=height;

}

const r1=new rectangle(4,5);

rectangle.prototype.getArea = function() {

  console.log(this.width\*this.height);

}

r1.getArea();

r1.height=50;

const r2=new rectangle();

r1.getArea();

4.

->

const person={

  firstname: 'john',

  lastname: 'cena'

}

console.log(person);

person.lastname='patil';

console.log(person.lastname);

5.

->

const person={

  firstname: 'john',

  lastname: 'cena'

}

console.log(person.middlename);

person.middlename='sagar';

console.log(person.middlename);

o/p:

undefined

sagar

6.

->

7,

->

var obj = JSON.parse('{ "firstname":"John", "middlename":"sagar", "lastname":"patil"}');

console.log(obj);