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CS81 JavaScript

Assignment #10

Chapter 7

Exercise 1

For the following types of objects, give a reasonable set of properties:

* Country
  + Continent
  + Area
  + Population
  + GDP
  + Exports
  + Government (type)
* Restaurant
  + Price
  + Zagat Rating
  + Dept. of Health Rating
  + Type of food
  + Max Occupancy
  + Payment Methods Accepted
* Music album
  + Artist
  + Title
  + Tracks (count)
  + Tracks (listing)
  + Genre
  + Label
* Basketball team
  + City
  + Team Name
  + Coach
  + Player Names
  + Player Positions
  + Salary
* Movie
  + Title
  + Director
  + Producer
  + Actor(s)
  + Genre
  + Run Time
  + Box Office Sales

Exercise 2

Consider the following code:

var Circle = function (r) {

this.radius = r;

};

Circle.prototype.area = function () {

return Math.PI \* this.radius \* this.radius;

}

var c = new Circle(10);

What is the value of c.constroctur?

Tha value of c.constructor = function (r) {

this.radius = r;

}

List all the own properties of c.

The own property of c is radius and PI

List all the enumaerable properties of c.

The enumerable property of c is radius = 10

Exercise 22

Write a function that takes a string and returns a reversal of the string

function reverse(str) {

for (var i = str.length - 1, o = ''; i >= 0; o += str[i--]) { }

return o;

}

Exercise 23

Build a web interface to the string reversal function written in the previous exercise

See GitHub repository: https://github.com/dwilensky/Unit10