Display:



Code:

**App.js:**

const utils = require('./Util');

const data = require('./Data');

const MadLibGenerator = require('./MadLibGenerator');

const madlib = new MadLibGenerator(data). getMadLib();

console.log(madlib);

**Data.js:**

//sample sentence: I rode my bike to the corner store

const Data ={

 subject:["Justin Bieber", "Zendaya", "Travis Scott"],

 verb:["walked", "crawled", "chased"],

 object:["laptop", "brush", "shoe"]

}

module.exports = Data;

**MadLibGenerator.js:**

const {getRandomArrayValue} = require("./Util");

module.exports = class MadLibGenerator {

 constructor(data){

 this.subject = getRandomArrayValue(data.subject);

 this.object = getRandomArrayValue(data.object);

 this.verb = getRandomArrayValue(data.verb);

 }

 getMadLib(){

 return `${this.subject} ${this.verb} the ${this.object} to the corner store`;

 }

}

class MadLibGenerator {

 constructor(subject, verb, object){

 this.subject = subject;

 this.verb = verb;

 this.object = object;

 }

 getMadLib(){

 return `${this.subject} ${this.verb} the ${this.object} to the corner store`;

 }

}

**Util.js:**

module.exports = {

 getRandomArrayValue: function getRandomArrayValue(arr){

 let randomIndex = Math.floor((Math.random() \* arr.length));

 return arr[randomIndex];

 },

 getLastValue: function getLastValue(arr){

 return arr[arr.length-1];

 }

}