**Challenge #3**

We have a nested object, we would like a function that you pass in the object and a key and get back the value. How this is implemented is up to you.

**Example Inputs**

object = {“a”:{“b”:{“c”:”d”}}}

key = a/b/c

object = {“x”:{“y”:{“z”:”a”}}}

key = x/y/z

value = a

**Solution 1:**

let obj = {

a1: {

b1: {

nested: true

},

},

x1: {

y1: 'zl',

}

};

function getObjectKeys(object, key) {

// if you want another split key you can change this.

const keys = key.split('.');

let obj = object;

for (let ikey of keys) {

for (let [objKey, value] of Object.entries(obj)) {

if(!keys.includes(objKey)) {

continue;

}

obj = value;

}

}

return obj;

}

console.log(getObjectKeys(obj, 'a1.b1.nested'));

console.log(getObjectKeys(obj, 'x1.y1'));

// even if there is another additional key

console.log(getObjectKeys(obj, 'x1.y1.nested'));