**c u**

**for(**let **key** in **object)**

‘key’ will return the string name of key of the object

to extract the value you need object[key]

**for (**let **item** of **string)**

**for (**let **item**  of **arr)**

‘of’ will return the value of each index in the array

**GET KEY WITH LARGEST ENTRY FROM AN OBJECT**

**return both**

let winner = Object.entries(obj).reduce((a,b) => a[1] > b[1] ? a : b)

*can put it back into object form →* Object.fromEntries([winner]) ← expects a 2dArray

Object.entries(obj).sort((a, b) => b[1] - a[1]) ← will return sorted top to bottom

**only return key of highest**

Object.keys(obj).reduce((a, b) => obj[a] > obj[b] ? a : b) ← returns only key

Obj.keys(obj).sort((a,b) => obj[b] - obj[a] > a : b ) ← will return the whole array so you will need to access it at the 0 index

Obj.entries = returns 2 dimensional array [[key,entry],[key,entry]]

Obj.keys/values return 1 level array

**Sort** arr.sort((a, b) => b - a) returns in descending order

**Regex**

**string.search(regex) =>** returns index or -1

**string.match(regex) =>** returns array of matched values

**string.replace(regex, ‘thing to put in’)**

**regex.test(string)** -- returns true or false