2) WAP to make reverse of the string using loops.

let iterable = 'Thamarai';

let reversed1 = "";

for (let value of iterable) {

reversed1 = value + reversed1;

}

console.log(reversed1);

OutPut: iaramahT

Explanation:

created named Variable and created empty string to print reversed name then iterated named variable then added iterated reversed value.

3) Sorting

var arr = [1,7,3,8,2,6,9];

for(var i=1; i<arr.length; i++){

for (var j=0; j < i; j++){

if(arr[i] < arr[j]){

var x=arr[i]

arr[i] = arr[j]

arr[j] = x

}

}

}

console.log(arr)

Output:

[1,2,3,6,7,8,9]

Explanation

Check outerloop and check inner loop if current loop is less than outer loop in outer loop checked current value is less than array length then check condition create array and insert array sort value.

4) check whether given number or string is palindrom or not?

// function that check str is palindrome or not

function isPalindrome(s) {

return s == reverseString(s);

}

console.log((isPalindrome("madam")));

//function that print output is string is palindrome

function reverseString(str){

// variable that is true ig string is palindrome

let finalStr=""

for(let i=str.length-1;i>=0;i--){

finalStr += str[i]

}

return finalStr

}

Output: true;