//no.1 write a program to reverse the string

//input = chinmay

//output = yamnihc

let input = "chinmay"

let reveredString = ""

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

console.log(input[i])

reveredString = reveredString + input[i]

}

console.log(reveredString)

//no.2 write a program to reverse only word from sentence

//input = "My new learning is javascript"

//output = "yM wen gninrael si tpircsavaj"

let input2 = "My new learning is javascript"

reveredsentence = ""

for(let a =input2.length-1;a>=0;a--){

console.log(input2[a])

reveredentence = reveredsentence + input2[a]

}

console.log(reveredsentence)

//no3 find the highest number

//maxvalue

let input3 = [34,55,-500,66,77,88,234,5,0,66,88]

let maxvalue = 0;

for (let i = 0; i < input3.length; i++) {

if (input3[i] > maxvalue) {

maxvalue = input3[i]

}

}

console.log(maxvalue)

//minvalue

let input4 = [34,55,-500,66,77,88,234,5,0,66,88]

let minValue = 0

for (let i2 = input4.length; i2>=0; i2--) {

if (input4[i2] < minValue) {

minValue = input4[i2]

}

}

console.log(minValue)

//mo 4 find the highest number from the given 2D array

input5 = [[1,2,3],[33,44,55],[55,77,343]]

let result = input5.flat()

console.log(result)

let highestnum = 0

for(let i3 =0;i3<result.length;i3++){

if(result[i3]>highestnum){

highestnum = result[i3]

}

}

console.log(highestnum)

//no5 count the number of vowels from string

let input6 = "I am new to javascript"

let vowel = "a,e,i,o,u"

let countvowel = 0

for(let k=0;k<input6.length;k++){

if(vowel.includes(input6[k]))

countvowel = countvowel +1

}

console.log(countvowel)

//this is my example

let input7 = "My name is Sudarshana"

let vowel1 = "a,e,i,o,u"

let countvowel1 = 0

for(let k=0;k<input7.length;k++){

if(vowel1.includes(input7[k]))

countvowel1 = countvowel1 +1

}

console.log(countvowel1)