Day 06 – TASKS:

Debugging:

1. **Fix the code to Sum of the digits present in the number:**

let n = "123";

let sum = 0;

let m = n.split("").map(Number);

function add(m){

for(var i=0;i<m.length;i++){

sum += m[i];

}

return sum;

}

console.log(add(m));

O/P: 6

1. Write a code to print the numbers in the array:

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var new\_string = " ";

for (var i = 0; i < 11; i++) {

new\_string += numsArr[i]

}

console.log(new\_string);

O/P: 1234567891011

1. Write a code to print the numbers in the array:

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var new\_string = "";

for (var i = 0; i < 11; i++) {

new\_string += numsArr[i] + ",";

}

console.log(new\_string);

O/P: 1,2,3,4,5,6,7,8,9,10,11

1. Write a code to print from last to first with spaces (Make sure there is no space after the last element 1):

var numsArr = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var new\_string = "";

for (var i = 10; i > -1; i--){

new\_string += numsArr[i] + " ";

}

console.log(new\_string);

O/P: 11 10 9 8 7 6 5 4 3 2 1

1. Write a code to replace the array value — If the number is even, replace it with ‘even’:

var numsArr = [1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

for (var i = 0; i <=10; i++) {

if(numsArr[i] %2 === 0 ){

numsArr[i] = "even";

}

}

console.log(numsArr);

O/P: [1, ‘even’, 3, ‘even’, 5, ‘even’, 7, ‘even’, 9, ‘even’, 11]

1. Write a code to add all the numbers in the array:

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var sum = 0;

for (var i = 0; i <=10; i++){

sum += numsArr[i]

}

console.log(sum);

O/P: 66

1. Write a code to add the even numbers only:

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var sum = 0;

for(var i = 0; i <= 10; i++) {

if(numsArr[i]%2===0){

sum += numsArr[i];

}

}

console.log(sum);

O/P: 30

1. Write a code to add the even numbers and subract the odd numbers:

var numsArr = [ 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11];

var sum=88;

for (var i = 0; i <=10; i++) {

if(numsArr[i]%2!==0){

sum += numsArr[i]

} else{

sum -= numsArr[i]

}

}

console.log(sum);

O/P: 94

1. Write a code to print inner arrays:

var numsArr = [[1, 2, 3, 4, 5],[ 6, 7, 8, 9, 10, 11]];

for (var i = 0; i < numsArr.length; i++){

console.log(numsArr[i]);

}

O/P: [1, 2, 3, 4, 5]

[ 6, 7, 8, 9, 10, 11]

1. **Fix the code to get the largest of three:**

let f,s,t;

aa = (f,s,t) => {

console.log(f,s,t);

if(f>s && f>t){

console.log(f)

} else if(s>f && s>t){

console.log(s)

} else{

console.log(t)

}

}

aa(9,2,3);

O/P: 9 2 3

9