**Name-Mahesh Pandit Rathod**

**Div- A**

**Roll No-55 Batch-A3**

**Assignment No-1**

**Title:-** **Write a ECMA Script program that will  return 1 if the array is sorted in ascending order, -1 if it is sorted in descending order or 0(zero) if it is not sorted.**

**Source Code:-**

function check(arr)

{

    let asc = 1;

    let desc = 1;

    for (let i = 0; i < arr.length - 1; i++)

    {

        if (arr[i] > arr[i + 1])

        {

            asc = 0;

        }

        if (arr[i] < arr[i + 1])

        {

            desc = 0;

        }

    }

    if (asc)

    {

        return 1;

    }

    else if (desc)

    {

        return -1;

    }

    else

    {

        return 0;

    }

}

const array1 = [1, 2, 3, 4, 5];

console.log(check(array1));

const array2 = [5, 4, 3, 2, 1];

console.log(check(array2));

const array3 = [3, 1, 5, 2, 4];

console.log(check(array3));

**OUTPUT:-**

