**Note:** The below questions are very commonly asked in nodejs interviews

Q1.

// -write an api which gives the missing number in an array of integers starting from 1….e.g [1,2,3,5,6,7] : 4 is missing

// Your route code will look like this

app.get("/sol1", function (req, res) {

//logic : sum of numbers is n(n+1)/2..so get sum of all numbers in array. now take sum of numbers till last digit in the array

let arr= [1,2,3,5,6,7]

let missingNumber

///LOGIC WILL GO HERE

res.send( { data: missingNumber } );

});

Q2.

// -write an api which gives the missing number in an array of integers starting from anywhere….e.g [33, 34, 35, 37, 38]: 36 is missing

// Your route code will look like this

app.get("/sol2", function (req, res) {

//logic : sum of n consecutive numbers is [ n \* (first + last) / 2 ]..so get sum of all numbers in array. now take sum of n consecutive numbers.. n would be length+1 as 1 number is missing

let arr= [33, 34, 35, 37, 38]

let missingNumber

///LOGIC WILL GO HERE

res.send( { data: missingNumber } );

});