



Green University

Lab report of CSE 206

Course Title: Algorithms Lab

Course Code: CSE 206

Section: PC DA

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Question: Display the sum of first 'n' natural numbers and find out the complexity.

Answer to the Q:-

Code in JavaScript:-

```
function seriesSum(n) {  
    var sum = 0;  
    return (n * (n + 1)) / 2  
}  
  
var n = 4;  
  
console.log(`Sum of numbers from 1 to ${n} is ${seriesSum(n)}`);
```

The Time complexity of this function is $O(1)$.