Data Structures – Lab

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SECTION: B

Link List Task

Write a program which finds the next successor(greater) number from the list using the current given value.

E.g
list: [2,1,5,6]
Input: 2
Output: 5

Here given value is 2 so the next maximum value is 5

E.g
list: [2,1,5,6]
Input: 1
Output: 2

E.g

list: [2,1,5,6,4,9,3]
Input: 4
Output: 5

E.g
list: [2,1,5,6,4,9,3]
Input: 9
Output: 0
Here there is no element after 9 so output will be 0