

# Lab7: vector

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# More of Vim

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- undo/repeat typing
- search

# Recap: Vector<int>, Vector<float>, Vector<char>, ...

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- initialize
- iterate
- push\_back

# Check if a Number is Repeated in a Fixed Position of a Vector

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Input: a vector {3, 4, 16, 2, 3, 18, 97, 4, 2, 18} , index 0

Output: true

Example: {3, 4, 16, 2, 3, 18, 97, 4, 2, 18} , index 2: false

{3, 4, 16, 2, 3, 18, 97, 4, 2, 18} , index 3: true

## Lab Assignment: Find the Largest Repeating Number in a Vector

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Input: a vector {3, 4, 16, 2, 3, 18, 97, 4, 2, 18}

Output: the largest repeating number in the vector: 18

Hint :

1. Use the function in p.4
2. If true, compare the element with current maximum value