# Laboratory practice No. 3: Linked Lists, Dynamic Vectors and Hash Tables9

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## 3) Practice for final project defense presentation

**3.1**

| Exercise | Linked Lists | Array Lists |
|---|---|---|
| 1.1 | O(n*m) | O(n*m) |

**3.2**
**3.3** The complexity of exercise 2.1 is O(n^2)
**3.4** In exercise 3.3, while calculating the complexity of exercise 2.1 we can say that the n represents the length of the string we enter.

## *4) Practice for midterms*

4.1.1. b
4.1.2. a
4.2. b
4.3.1. b
4.3.2. d
4.4.1. stack.pop()
4.4.2. b
4.5. a
4.6. b
4.8. c
4.9
4.9.1: c
4.9.2: b
4.9.3: c
4.10.1: d
4.10.2: a
4.10.3: b

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4.11.1: c
4.11.2: b
4.12.1: !s1.isEmpty()
4.12.2: s1.pop()
4.12.3: s2.pop()
4.13.1: iv
4.13.2: i
4.14: iii)

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