**Logo

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**FACULTY OF COMPUTING AND INFORMATICS (FCI)**

**TCP 2451 Programming Language Translation**

**Mini Project**

**TRIMESTER 1, 2021/2022**

**Prepared by**

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**Engineering**

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# Lexical Analysis

Example input: quack / honk / quack honk / quack honk quack / honk honk

Regular Expression: (quack|honk)

|  |  |  |  |
| --- | --- | --- | --- |
| **Token** | **Sample Lexeme** | **Pattern** | **Regular Expression** |
| <Duck\_Quack> | quack | quack | <Duck\_Quack> -> quack |
| <Duck\_Honk> | honk | honk | <Duck\_Honk> -> honk |

## NFA Diagram

A picture containing indoor, decorated

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