Project Form

Project Idea : case sensitive objects oriented Language

Team Members NO# : 26

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ID | Name | Level& Department | Section(Dayfrom-to) | Role (Lead/Member) | Grade |
| **زياد احمد عبدالتواب سعيد** | 201900322 | 3 - cs | Wed – 12 to 2 |  |  |
| سامح وليد محمد الشافعي | 201900335 | 3 - cs | Wed – 12 to 2 |  |  |
| سعيد مليجي سيد مليجي | 201900341 | 3 - cs | Wed – 12 to 2 |  |  |
| سعيد عماد ماهر محمد | 201900339 | 3 - cs | Wed – 12 to 2 |  |  |
| **ستيف عادل فاروق حبيب** | 201900337 | 3 - cs | Wed – 12 to 2 |  |  |
| **محمد شريف فتحي محمد سالم** | 201900688 | 3 - cs | Wed – 8  to 10 |  |  |
| **عبدالرحيم طارق عبدالرحيم** | 201900445 | 3 - cs | Wed – 2  to 4 |  |  |

Regular Expression, Finite automata and Conversion from RegX to NFA, NFA to DFA

Regx:

1-(Type) 21-( $|# )

2-(Infer) 23-( +|-|\*|/ )

3-(If) 24-( &&| || | ~ )

4-(Else) 25-( ==| != | <= | >= )

5-(Ipok) 26-( = )

6-(Sipok) 27-( -> )

7-(Sequence) 28-( { | } | [ | ] )

8-(Ipokf) 29-constant : n->numbers[0-9] :(n+)

9-(Sipokf) 30-( ” | ‘ )

10-(Valueless) 31-(Require)

11-(Rational) 32-identifire:

12-(Endthis) n->number[0-9]

13-(However) Letter->[a-z][A-Z]

14-(When) ( Letter ( Letter | n ) )

15-(Respodwith) 33- ( ; )

16-(Srap) 34- ( </ )

17-(Scan) 35- ( /> )

18-(Comditionof) 36-( \*\*\* )

19-(Craf)

20( @|^ )

**NFA => DFA**

![Text

Description automatically generated with medium confidence]()A picture containing shape

Description automatically generated

Type

Chart, scatter chart

Description automatically generated**If**

Chart

Description automatically generated**else**

Chart, scatter chart

Description automatically generated

**Ipok**

Chart, scatter chart

Description automatically generated**Sipok**

Graphical user interface, text, application

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**Craf**

Chart, scatter chart

Description automatically generated

**Sequence**

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**Ipokf**

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Description automatically generated with medium confidence**Valueless**

A picture containing text, screenshot, sky

Description automatically generated

**Rational**

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Description automatically generated with low confidence

**When**

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Description automatically generated**Srap**

Chart, scatter chart

Description automatically generated

**Conditionof**

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A picture containing text, clock, gauge

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Diagram

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Diagram

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Parse tree and Abstract syntax tree