TINY Language Phase 1

Team Members

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Team ID: G_6

1. Regular Expressions:

Digit: [0-9]

Nat: (Digit)+

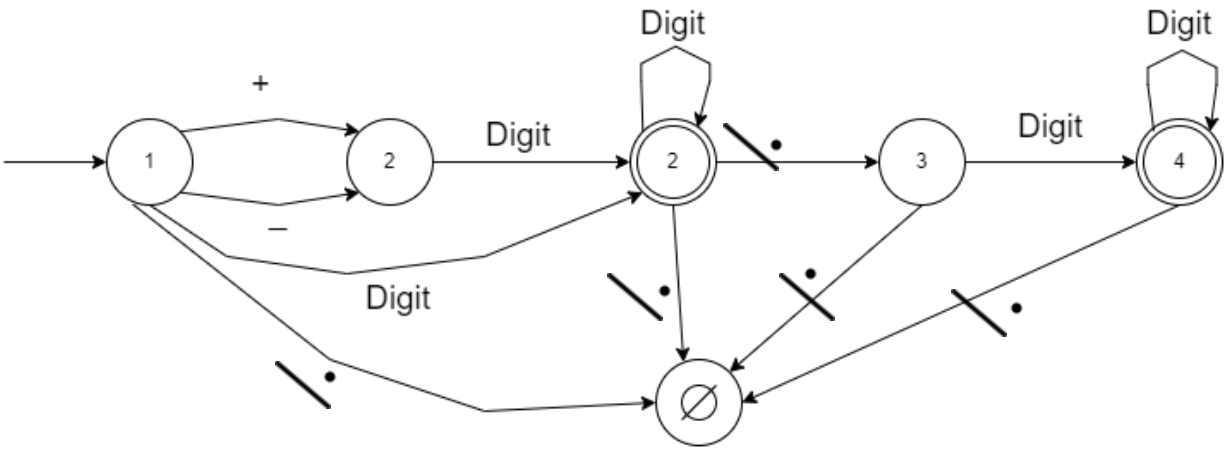
SignedNat: (+|-)? Nat

Letter : [_|a-z|A-Z]

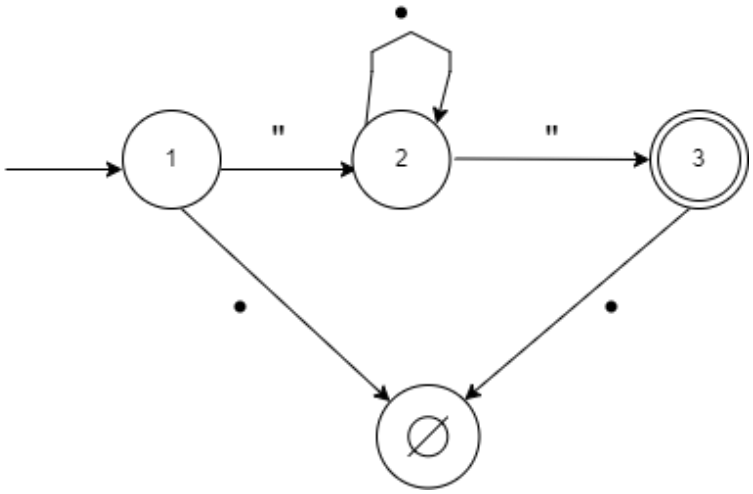
Rule	Regular Expression
Number	**SignedNat((\.)(Nat))?**
String	**" .* "**
Comment Statement	/* .* */
Identifier	**Letter(Letter| Digit)***
Function Name	**Letter(Letter| Digit)***
Reserved Words	**if|elseif|else|int|float|string|read|write|repeat|until |then|return|endl|main|end**
Arithmetic Operators	+|-|*|/
Boolean Operators	**&&|(||)**
Condition Operators	<|>|<>|=
Datatype	**int|float|string**
Assignment Operator	**:=**

2. DFAs:

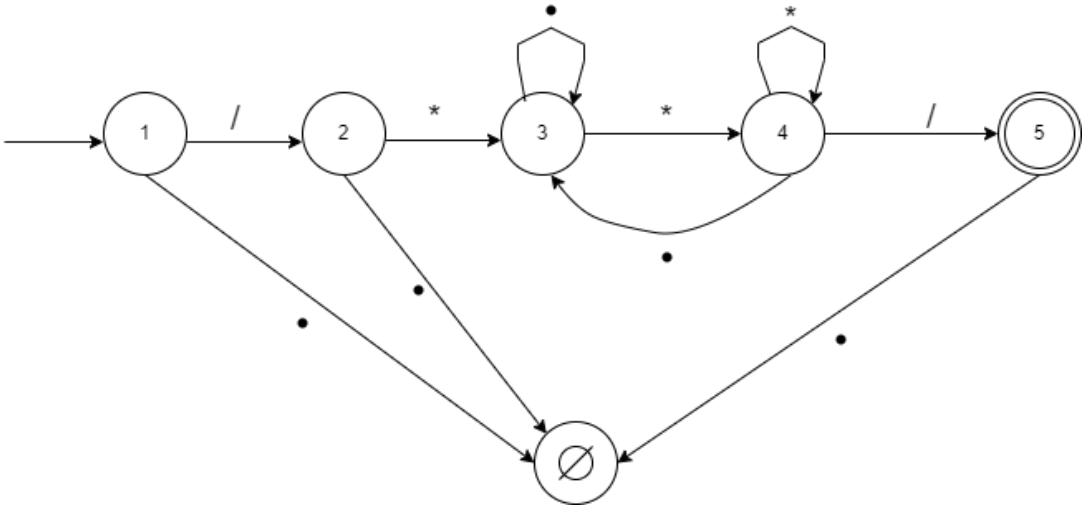
1. Number:



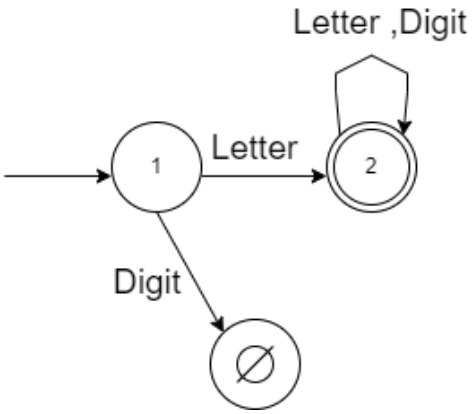
2. String:



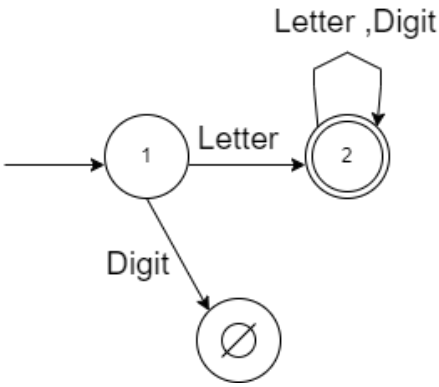
3. Comment Statement:



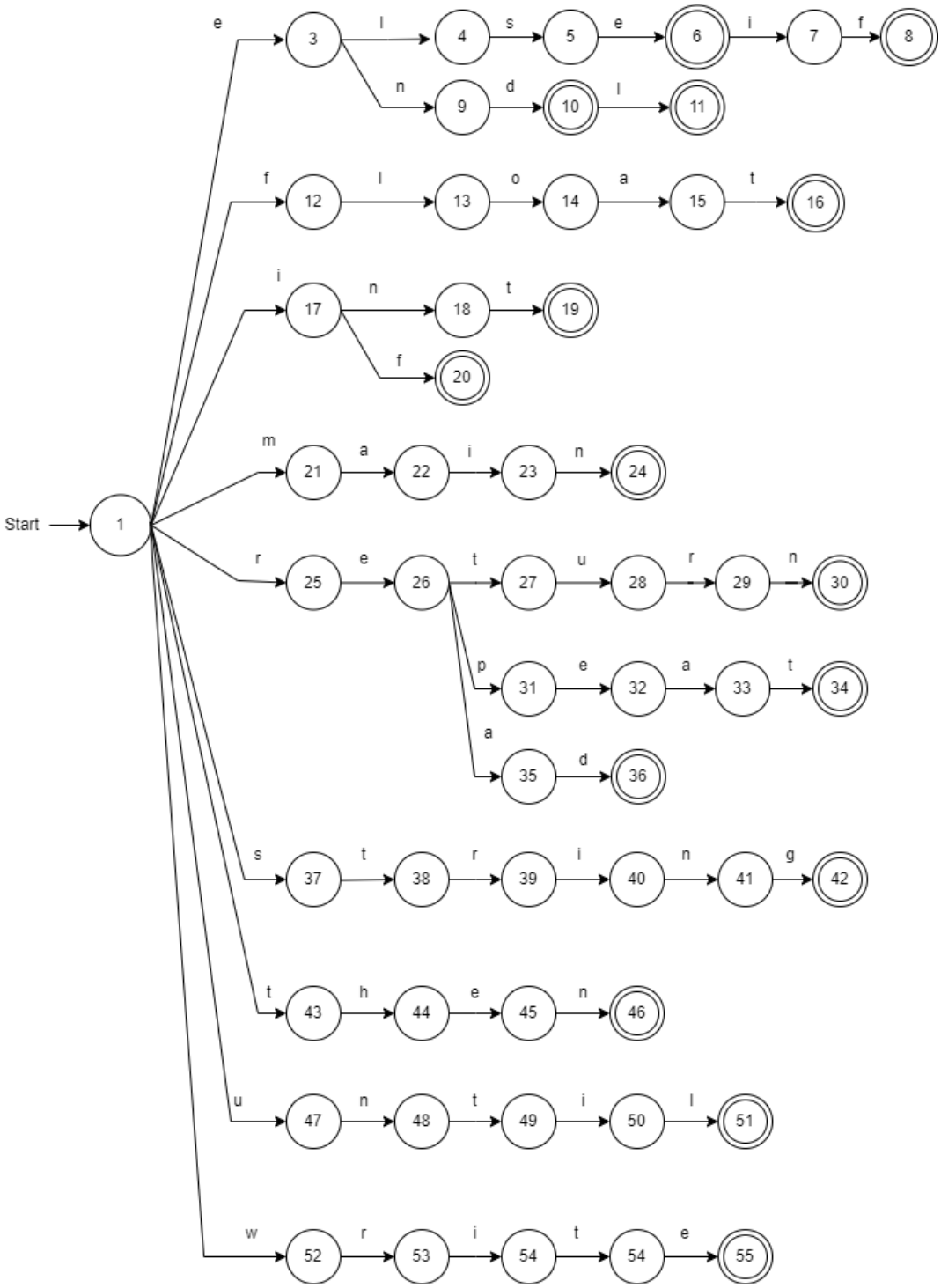
4. Identifier:



5. Function Name:



6. Reserved Words: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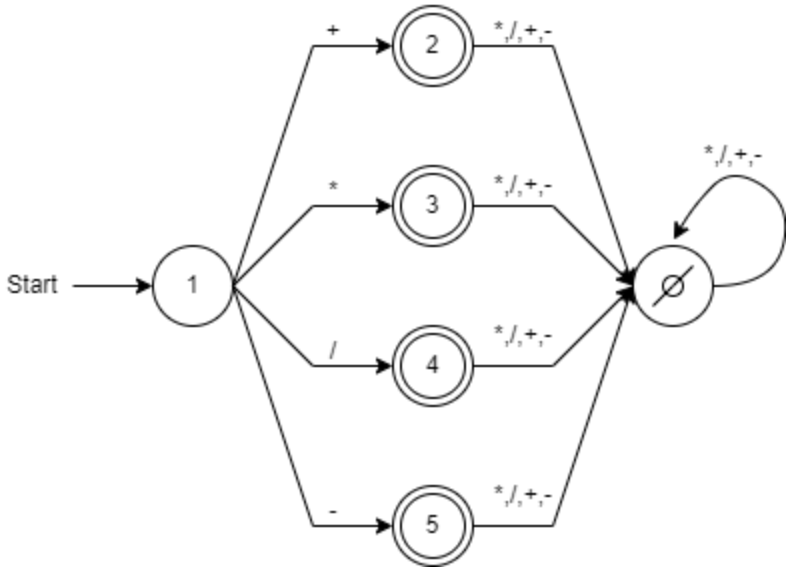
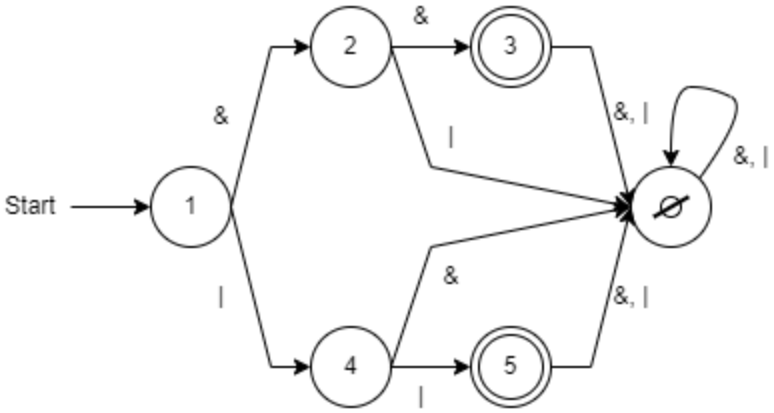
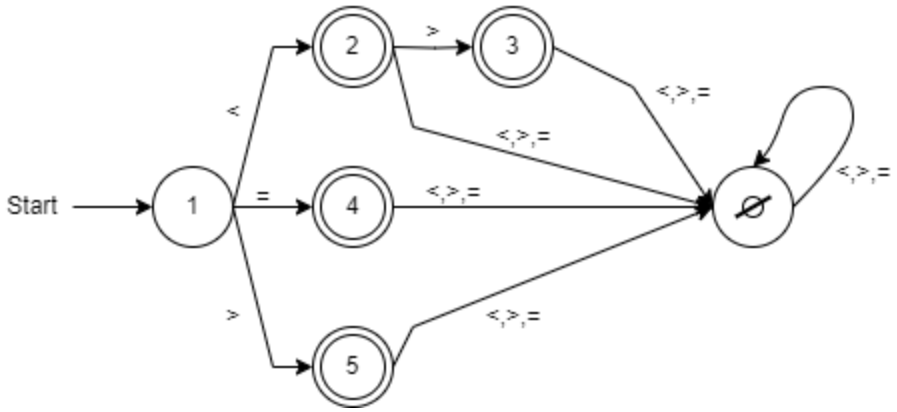
7. Arithmetic Operators:



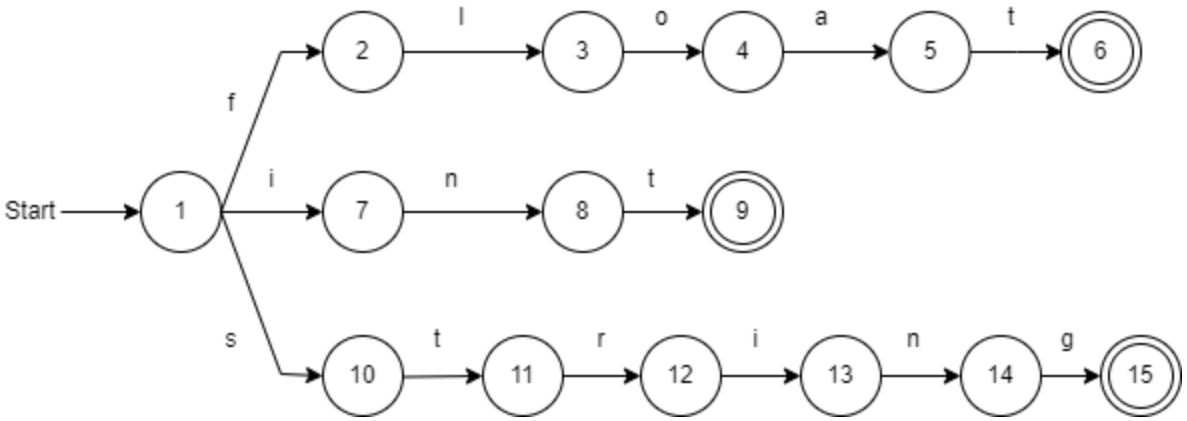
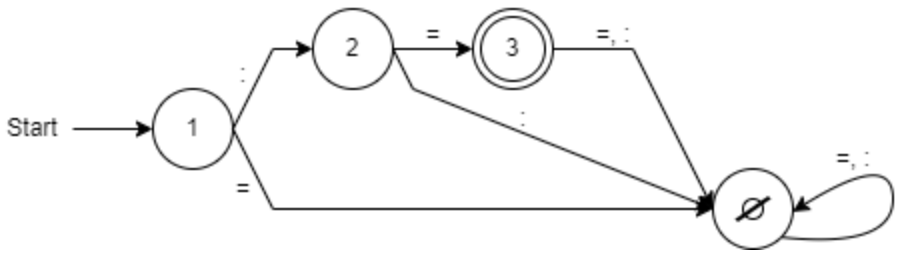
8. Boolean Operators:



9. Condition Operators:



10. Datatype:



11. Assignment Operator: