∑ = {[:char:], [:num:], [:comment:], [:separator:], [:special\_separatpor:], [:operator:]}

Q = {New, String, Int, Float, Comment, invalid}

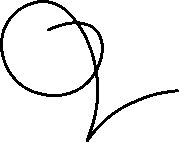
={ 0 , 1, 2, 3, 4, 5 }

q0 in Q ={ New }

={ 0 }

Final = {Comment, Separator, Special Separator, Operator, Invalid}

N:



|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Char | Number | Comment | Separator | Special Separator | Operator |
| **New(0)** | String | Int | Comment | New | New | New |
| **String(1)** | String | String | Comment | New | New | New |
| **Int(2)** | Invalid | Int | Comment | New | Float | New |
| **Float(3)** | Invalid | Float | Comment | New | Invalid | New |
| **Comment(4)** | Comment | Comment | New | Comment | Comment | Comment |
| **Invalid(5)** | New | New | New | New | New | New |

Transition Table Diagram:

