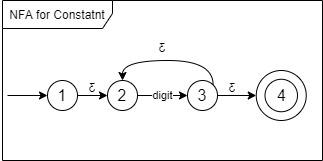
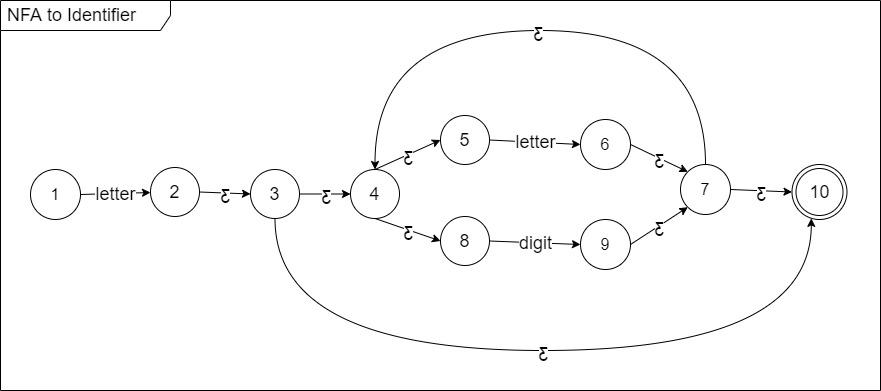
**Regular Expression & Non-Determenistic Finite Automata**

**1)Regular expression of constant => /[0-9]+/**



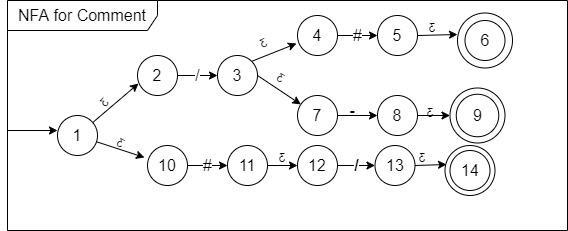
**2)Regular expression for identifier=>/[a-zA-Z\_]+[0-9]+[a-zA-Z\_0-9]\*/** 

**3)Regular expression for relational operators =>/((<|>) =?)|(!|=)=/**

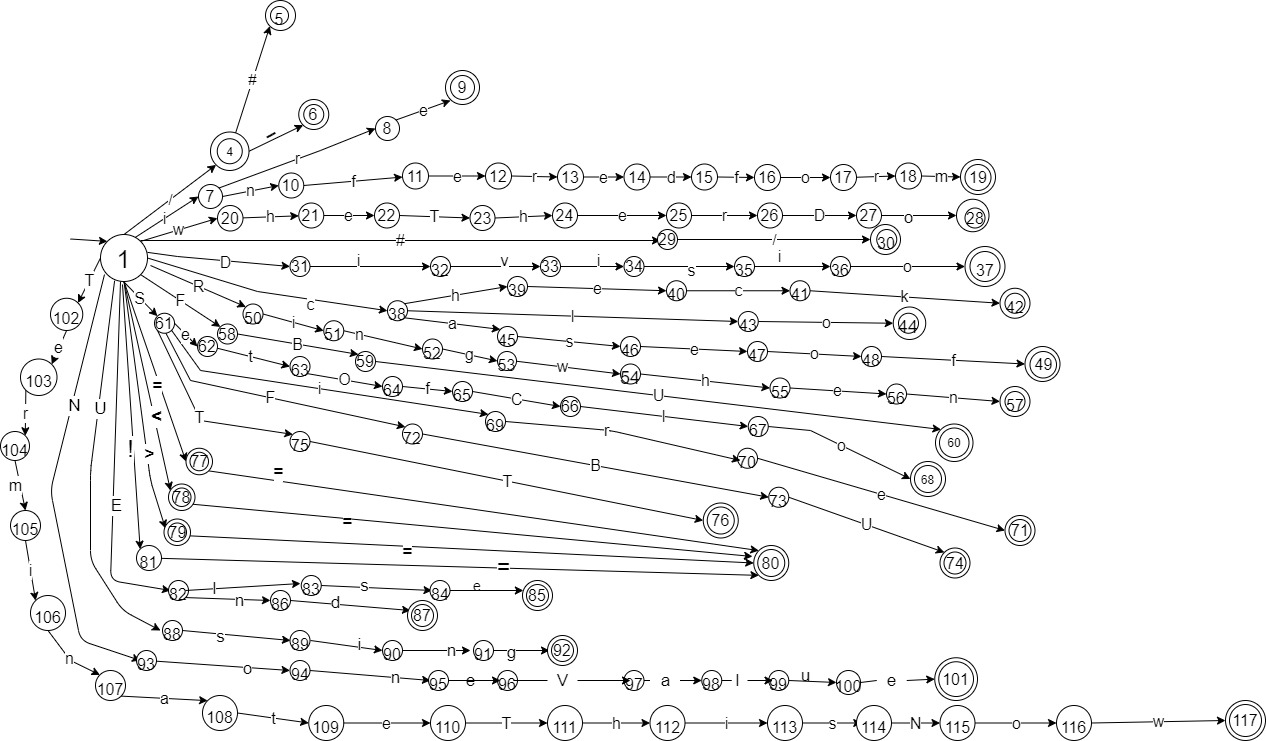
Diagram

Description automatically generated

**4)Regular expression for comment => /(/(-|#))|(#/)/**



**Determenistic Finite Automata**



Diagram

Description automatically generated