DFA / transition diagram

start ⟶ (1)

whitespace (self loop on state 1)

i

(2) ident syn

any letter but i

f

any letter but f / digit

whitespace ⟶ (( )) output identsym

(3) if syn

letter / digit

whitespace ⟶ ( ) output if syn

(4) identsym

letter / digit (self loop on state 4)

whitespace ⟶ (( )) output identsym

start in (1) again

1