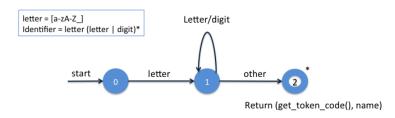
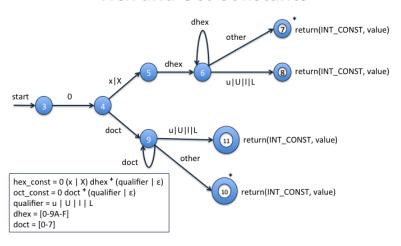
Transition Diagram for Identifiers and Reserved Words



- '*' indicates retraction state
- get_token_code() searches a table to check if the name is a reserved word and returns its integer code, if so
- Otherwise, it returns the integer code of IDENTIFIER token, with name containing the string of characters forming the token (name is not relevant for reserved words)

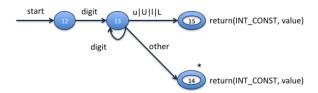


Transition Diagrams for Hex and Oct Constants

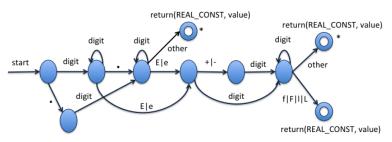


Transition Diagrams for Integer Constants

```
int_const = digit * (qualifier | ε)
qualifier = u | U | I | L
digit = [0-9]
```



Transition Diagrams for Real Constants



Transition Diagrams for a few Operators

