

CPSC 323-06

PROJECT 1

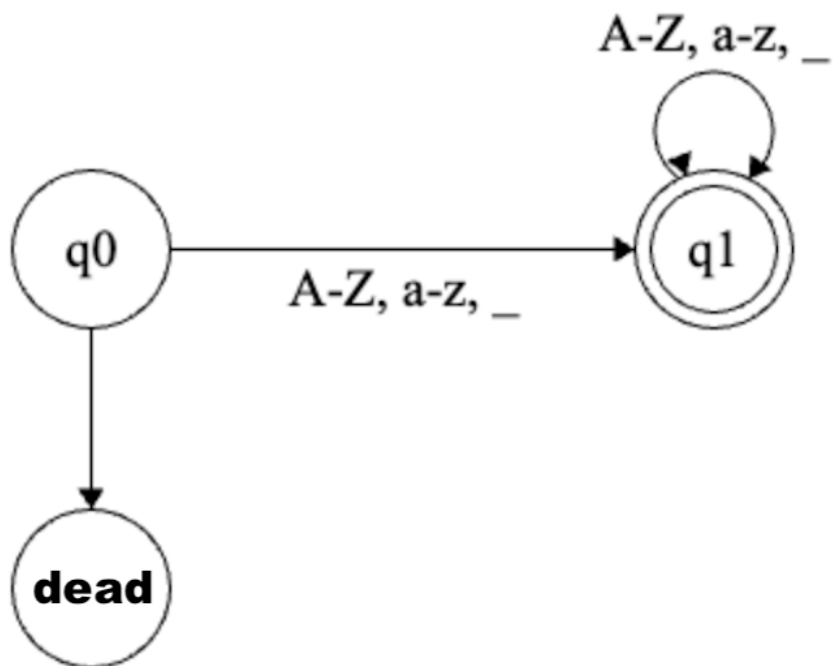
Programming Assignment 1

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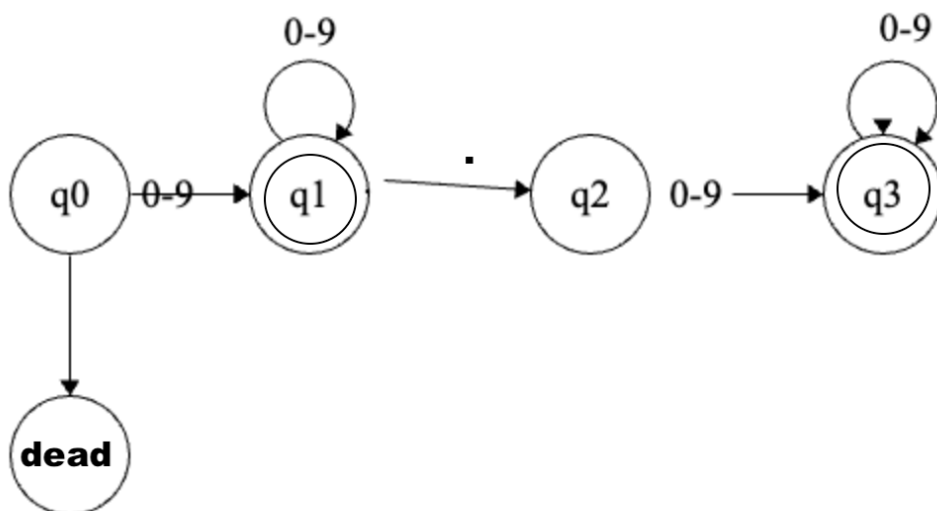
Regular Expressions

<Keyword>	::= while if float double int string
<Declaration>	::= <Keyword> <ID>
<ID>	::= <Identifier> <Identifier>, <ID>
<Assign>	::= <Identifier> = <Expression> ;
<If>	::= if (<Condition>) <Statement> if (<Condition>) <Statement> else <Statement>
<While>	::= while (<Condition>) <Statement>
<Condition>	::= <Expression> <Operation> <Expression>
<Operation>	::= == != > < <= => =
<Real>	::= - <1-9> <1-9> 0
<Literal>	::= <a-z> <A-Z>
<Separator>	::= [] () ; ,

FSA for Identifiers and Integers



For Identifier



For Integer