

Cleaning up text file...  
Cleanup successful!

Checking for errors...  
Success! No errors found.

Testing program finalp2.txt against grammar...

Stack: \$P  
Read: program  
Pop: P  
Stack: \$end.SbeginDvar;Iprogram  
Pop: program  
Match with input: program  
Read: s  
Pop: I  
Stack: \$end.SbeginDvar;AR  
Pop: R  
Stack: \$end.SbeginDvar;As  
Pop: s  
Match with input: s  
Read: 2  
Pop: A  
Stack: \$end.SbeginDvar;AQ  
Pop: Q  
Stack: \$end.SbeginDvar;A2  
Pop: 2  
Match with input: 2  
Read: 0  
Pop: A  
Stack: \$end.SbeginDvar;AQ  
Pop: Q  
Stack: \$end.SbeginDvar;A0  
Pop: 0  
Match with input: 0  
Read: 2  
Pop: A  
Stack: \$end.SbeginDvar;AQ  
Pop: Q  
Stack: \$end.SbeginDvar;A2  
Pop: 2  
Match with input: 2  
Read: 3  
Pop: A  
Stack: \$end.SbeginDvar;AQ  
Pop: Q  
Stack: \$end.SbeginDvar;A3  
Pop: 3  
Match with input: 3  
Read: ;

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Pop: A
Stack: $end.SbeginDvar;&
Pop: &
Pop: ;
Match with input: ;
Read: var
Pop: var
Match with input: var
Read: p
Pop: D
Stack: $end.Sbegin;T:U
Pop: U
Stack: $end.Sbegin;T:JI
Pop: I
Stack: $end.Sbegin;T:JAR
Pop: R
Stack: $end.Sbegin;T:JAp
Pop: p
Match with input: p
Read: 1
Pop: A
Stack: $end.Sbegin;T:JAQ
Pop: Q
Stack: $end.Sbegin;T:JA1
Pop: 1
Match with input: 1
Read: ,
Pop: A
Stack: $end.Sbegin;T:J&
Pop: &
Pop: J
Stack: $end.Sbegin;T:U,
Pop: ,
Match with input: ,
Read: p
Pop: U
Stack: $end.Sbegin;T:JI
Pop: I
Stack: $end.Sbegin;T:JAR
Pop: R
Stack: $end.Sbegin;T:JAp
Pop: p
Match with input: p
Read: 2
Pop: A
Stack: $end.Sbegin;T:JAQ
Pop: Q
Stack: $end.Sbegin;T:JA2
Pop: 2
Match with input: 2

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Read: q
Pop: A
Stack: $end.Sbegin;T:JAR
Pop: R
Stack: $end.Sbegin;T:JAq
Pop: q
Match with input: q
Read: ,
Pop: A
Stack: $end.Sbegin;T:J&
Pop: &
Pop: J
Stack: $end.Sbegin;T:U,
Pop: ,
Match with input: ,
Read: p
Pop: U
Stack: $end.Sbegin;T:JI
Pop: I
Stack: $end.Sbegin;T:JAR
Pop: R
Stack: $end.Sbegin;T:JAp
Pop: p
Match with input: p
Read: r
Pop: A
Stack: $end.Sbegin;T:JAR
Pop: R
Stack: $end.Sbegin;T:JAR
Pop: r
Match with input: r
Read: :
Pop: A
Stack: $end.Sbegin;T:J&
Pop: &
Pop: J
Stack: $end.Sbegin;T:&
Pop: &
Pop: :
Match with input: :
Read: integer
Pop: T
Stack: $end.Sbegin;integer
Pop: integer
Match with input: integer
Read: ;
Pop: ;
Match with input: ;
Read: begin
Pop: begin

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Match with input: begin
Read: p
Pop: S
Stack: $end.CV
Pop: V
Stack: $end.CX
Pop: X
Stack: $end.C;E=I
Pop: I
Stack: $end.C;E=AR
Pop: R
Stack: $end.C;E=Ap
Pop: p
Match with input: p
Read: 1
Pop: A
Stack: $end.C;E=AQ
Pop: Q
Stack: $end.C;E=A1
Pop: 1
Match with input: 1
Read: =
Pop: A
Stack: $end.C;E=&
Pop: &
Pop: =
Match with input: =
Read: 3
Pop: E
Stack: $end.C;E'Y
Pop: Y
Stack: $end.C;E'Y'F
Pop: F
Stack: $end.C;E'Y'N
Pop: N
Stack: $end.C;E'Y'BQ
Pop: Q
Stack: $end.C;E'Y'B3
Pop: 3
Match with input: 3
Read: 3
Pop: B
Stack: $end.C;E'Y'BQ
Pop: Q
Stack: $end.C;E'Y'B3
Pop: 3
Match with input: 3
Read: ;
Pop: B
Stack: $end.C;E'Y'&

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Pop: &
Pop: Y'
Stack: $end.C;E'&
Pop: &
Pop: E'
Stack: $end.C;&
Pop: &
Pop: ;
Match with input: ;
Read: p
Pop: C
Stack: $end.S
Pop: S
Stack: $end.CV
Pop: V
Stack: $end.CX
Pop: X
Stack: $end.C;E=I
Pop: I
Stack: $end.C;E=AR
Pop: R
Stack: $end.C;E=Ap
Pop: p
Match with input: p
Read: 2
Pop: A
Stack: $end.C;E=AQ
Pop: Q
Stack: $end.C;E=A2
Pop: 2
Match with input: 2
Read: q
Pop: A
Stack: $end.C;E=AR
Pop: R
Stack: $end.C;E=Aq
Pop: q
Match with input: q
Read: =
Pop: A
Stack: $end.C;E=&
Pop: &
Pop: =
Match with input: =
Read: 4
Pop: E
Stack: $end.C;E'Y
Pop: Y
Stack: $end.C;E'Y'F
Pop: F

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Stack: $end.C;E'Y'N
Pop: N
Stack: $end.C;E'Y'BQ
Pop: Q
Stack: $end.C;E'Y'B4
Pop: 4
Match with input: 4
Read: 1
Pop: B
Stack: $end.C;E'Y'BQ
Pop: Q
Stack: $end.C;E'Y'B1
Pop: 1
Match with input: 1
Read: 2
Pop: B
Stack: $end.C;E'Y'BQ
Pop: Q
Stack: $end.C;E'Y'B2
Pop: 2
Match with input: 2
Read: ;
Pop: B
Stack: $end.C;E'Y'&
Pop: &
Pop: Y'
Stack: $end.C;E'&
Pop: &
Pop: E'
Stack: $end.C;&
Pop: &
Pop: ;
Match with input: ;
Read: p
Pop: C
Stack: $end.S
Pop: S
Stack: $end.CV
Pop: V
Stack: $end.CX
Pop: X
Stack: $end.C;E=I
Pop: I
Stack: $end.C;E=AR
Pop: R
Stack: $end.C;E=Ap
Pop: p
Match with input: p
Read: r
Pop: A

```

```

Stack: $end.C;E=AR
Pop: R
Stack: $end.C;E=Ar
Pop: r
Match with input: r
Read: =
Pop: A
Stack: $end.C;E=&
Pop: &
Pop: =
Match with input: =
Read: p
Pop: E
Stack: $end.C;E'Y
Pop: Y
Stack: $end.C;E'Y'F
Pop: F
Stack: $end.C;E'Y'I
Pop: I
Stack: $end.C;E'Y'AR
Pop: R
Stack: $end.C;E'Y'Ap
Pop: p
Match with input: p
Read: 1
Pop: A
Stack: $end.C;E'Y'AQ
Pop: Q
Stack: $end.C;E'Y'A1
Pop: 1
Match with input: 1
Read: +
Pop: A
Stack: $end.C;E'Y'&
Pop: &
Pop: Y'
Stack: $end.C;E'&
Pop: &
Pop: E'
Stack: $end.C;E'Y+
Pop: +
Match with input: +
Read: p
Pop: Y
Stack: $end.C;E'Y'F
Pop: F
Stack: $end.C;E'Y'I
Pop: I
Stack: $end.C;E'Y'AR
Pop: R

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Stack: $end.C;E'Y'Ap
Pop: p
Match with input: p
Read: 2
Pop: A
Stack: $end.C;E'Y'AQ
Pop: Q
Stack: $end.C;E'Y'A2
Pop: 2
Match with input: 2
Read: q
Pop: A
Stack: $end.C;E'Y'AR
Pop: R
Stack: $end.C;E'Y'Aq
Pop: q
Match with input: q
Read: ;
Pop: A
Stack: $end.C;E'Y'&
Pop: &
Pop: Y'
Stack: $end.C;E'&
Pop: &
Pop: E'
Stack: $end.C;&
Pop: &
Pop: ;
Match with input: ;
Read: display
Pop: C
Stack: $end.S
Pop: S
Stack: $end.CV
Pop: V
Stack: $end.CW
Pop: W
Stack: $end.C;)H(display
Pop: display
Match with input: display
Read: (
Pop: (
Match with input: (
Read: p
Pop: H
Stack: $end.C;)I
Pop: I
Stack: $end.C;)AR
Pop: R
Stack: $end.C;)Ap

```



```

Pop: p
Match with input: p
Read: r
Pop: A
Stack: $end.C;)AR
Pop: R
Stack: $end.C;)Ar
Pop: r
Match with input: r
Read: )
Pop: A
Stack: $end.C;)&
Pop: &
Pop: )
Match with input: )
Read: ;
Pop: ;
Match with input: ;
Read: p
Pop: C
Stack: $end.S
Pop: S
Stack: $end.CV
Pop: V
Stack: $end.CX
Pop: X
Stack: $end.C;E=I
Pop: I
Stack: $end.C;E=AR
Pop: R
Stack: $end.C;E=Ap
Pop: p
Match with input: p
Read: r
Pop: A
Stack: $end.C;E=AR
Pop: R
Stack: $end.C;E=Ar
Pop: r
Match with input: r
Read: =
Pop: A
Stack: $end.C;E=&
Pop: &
Pop: =
Match with input: =
Read: p
Pop: E
Stack: $end.C;E'Y
Pop: Y

```

```

Stack: $end.C;E'Y'F
Pop: F
Stack: $end.C;E'Y'I
Pop: I
Stack: $end.C;E'Y'AR
Pop: R
Stack: $end.C;E'Y'Ap
Pop: p
Match with input: p
Read: 1
Pop: A
Stack: $end.C;E'Y'AQ
Pop: Q
Stack: $end.C;E'Y'A1
Pop: 1
Match with input: 1
Read: *
Pop: A
Stack: $end.C;E'Y'&
Pop: &
Pop: Y'
Stack: $end.C;E'Y'F*
Pop: *
Match with input: *
Read: (
Pop: F
Stack: $end.C;E'Y')E(
Pop: (
Match with input: (
Read: p
Pop: E
Stack: $end.C;E'Y')E'Y
Pop: Y
Stack: $end.C;E'Y')E'Y'F
Pop: F
Stack: $end.C;E'Y')E'Y'I
Pop: I
Stack: $end.C;E'Y')E'Y'AR
Pop: R
Stack: $end.C;E'Y')E'Y'Ap
Pop: p
Match with input: p
Read: 2
Pop: A
Stack: $end.C;E'Y')E'Y'AQ
Pop: Q
Stack: $end.C;E'Y')E'Y'A2
Pop: 2
Match with input: 2
Read: q

```

```

Pop: A
Stack: $end.C;E'Y')E'Y'AR
Pop: R
Stack: $end.C;E'Y')E'Y'Aq
Pop: q
Match with input: q
Read: +
Pop: A
Stack: $end.C;E'Y')E'Y'&
Pop: &
Pop: Y'
Stack: $end.C;E'Y')E'&
Pop: &
Pop: E'
Stack: $end.C;E'Y')E'Y+
Pop: +
Match with input: +
Read: 2
Pop: Y
Stack: $end.C;E'Y')E'Y'F
Pop: F
Stack: $end.C;E'Y')E'Y'N
Pop: N
Stack: $end.C;E'Y')E'Y'BQ
Pop: Q
Stack: $end.C;E'Y')E'Y'B2
Pop: 2
Match with input: 2
Read: *
Pop: B
Stack: $end.C;E'Y')E'Y'&
Pop: &
Pop: Y'
Stack: $end.C;E'Y')E'Y'F*
Pop: *
Match with input: *
Read: p
Pop: F
Stack: $end.C;E'Y')E'Y'I
Pop: I
Stack: $end.C;E'Y')E'Y'AR
Pop: R
Stack: $end.C;E'Y')E'Y'Ap
Pop: p
Match with input: p
Read: r
Pop: A
Stack: $end.C;E'Y')E'Y'AR
Pop: R
Stack: $end.C;E'Y')E'Y'Ar

```

```

Pop: r
Match with input: r
Read: )
Pop: A
Stack: $end.C;E'Y')E'Y'&
Pop: &
Pop: Y'
Stack: $end.C;E'Y')E'&
Pop: &
Pop: E'
Stack: $end.C;E'Y')&
Pop: &
Pop: )
Match with input: )
Read: ;
Pop: Y'
Stack: $end.C;E'&
Pop: &
Pop: E'
Stack: $end.C;&
Pop: &
Pop: ;
Match with input: ;
Read: display
Pop: C
Stack: $end.S
Pop: S
Stack: $end.CV
Pop: V
Stack: $end.CW
Pop: W
Stack: $end.C;)H(display
Pop: display
Match with input: display
Read: (
Pop: (
Match with input: (
Read: "value="
Pop: H
Stack: $end.C;)I,"value="
Pop: "value="
Match with input: "value="
Read: ,
Pop: ,
Match with input: ,
Read: p
Pop: I
Stack: $end.C;)AR
Pop: R
Stack: $end.C;)Ap

```

```
Pop: p
Match with input: p
Read: r
Pop: A
Stack: $end.C;)AR
Pop: R
Stack: $end.C;)Ar
Pop: r
Match with input: r
Read: )
Pop: A
Stack: $end.C;)&
Pop: &
Pop: )
Match with input: )
Read: ;
Pop: ;
Match with input: ;
Read: end.
Pop: C
Stack: $end.&
Pop: &
Pop: end.
Match with input: end.
Read: $
Pop: $
Match with input: $
Program accepted!
```

Press any key to close this window . . .