CSCE 330 Fall 2005

Quiz 6

Assigned Tuesday, 2005-09-12

Give a leftmost derivation of `{b=9;}` from the EBNF grammar of p.36 in your textbook.

Answer: `<program> => {<statement>} => {<identifier> = <expr>;} =>`
`=> {<letter> = <expr>;} => {b = <expr>;} =>`
`{b = <number>;} => {b = <digit >;} => {b = 9;}`

Give a parse tree for the same expression. **Answer:** Shown on the board.