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Professor Hamel

CSC 301

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Lab #2

a) <S>* ::= <P> | <B>

<P> ::= () | ()<P> | ()<B>

<B> ::= [] | []<B> | []<P>

b) L: = { 0.0 , 1.0 , 1.1 , 1.2 , 2.2 , 12. 5 , 26.74 ... }

The language generated is represented by one or more digits 0-9, a period, and one or more digits 0-9. Essentially, it generates any decimal number 0.0 and over, with the decimal required (like a float).