

CONSTRUCTION OF A RECURSIVE DESCENT PARSER:

Consider the following grammar:

```

<exp>      ::= <atom> | <list>
<atom>     ::= <digit> | <string>
<list>     ::= ( <expr-list> )
<expr-list> ::= <exp> <expr-list> | ε
<digit>    ::= 0 | 1 | 2 | ... | 9
<string>   ::= a | b | c

```

1. What change would you make to transform it into EBNF?

2. Write a Recursive descent parser corresponding to this parser.

	FIRST	FOLLOW
<exp>		
<atom>		
<list>		
<exp-list>		
<digit>		
<string>		

is this grammar suitable for recursive descent?