In a language, each sentence is a string starting with a capital letter followed by two or more small letters and ending with three or more digits. Example sentences are Abc001, Zyxw9876 etc.

a) Write a BNF grammar for the language

<s'> → <c'> <a''><d'>
<c'> → A|B|C|D|E|F - - - - - - - - X | Y | Z
<A'> → <B'><B'><H'>
<H'> → <B'><H'>|E
<B'> → a|b|c|d|e|f|g ------ x|y|z
<D'> → <E'><E'><E'><F'>
<F'> → <E'><F'>| E
<E'> → |1|2|3|4|5|6|7|8|9

Terminal = {A, B ---- x,y,x,a,b,c ---- x,y,z, 0,1,2 ------9}
Variables= { S',C',A',H',B',D',E'F'}