Construct CFG for the given languages

- $L=\{w \mid w$ contains at least three 1' s$\}$ $\Sigma=\{0,1\}$
- $L=\{w \mid$ the length of w is odd A its middle symbol is 0$\}$ $\Sigma=\{0,1\}$
- $L=\{w \mid w$ contains more 0's than1' s$\}$ $\Sigma=\{0,1\}$
- $L=\{0^i 1^j \mid i \leq j\}$
- $L=\{0^i 1^j \mid i<2j\}$
- $L=\{0^i\ 1^j \mid j=2i\}$
- $L=\{a^i\ b^j\ c^k \mid i,j,k \geq 0$ & i == j or j == k$\}$
- $L=\{a^i\ b^j\ c^k \mid i,j,k \geq 0$ & i + j = k$\}$
- $L=\{a^i\ b^j\ c^k \mid i,j,k \geq 0$ & i + k = j$\}$
- L is non palindrome language over {a,b}
- L={w : w has twice as many a' s as b' s }
- $L=\{a^i\ b^j$:i=3 j+2$\}$
- $L=\{a^{2i}\ b^{3j} : i,j \geq 0\}$
- $L=\{w \mid$ length of w is odd$\}$
- $L=\{w \mid$ length of w is divisible by 3$\}$
- $L=\{(ab)^m\ c^n d^n\ (\ c)^m \mid m,n>0\}$
- $L=\{(a^i\ b^i\ )^m\ (b^j\ a^j\ )^m \mid i \geq 0, j>0, m \geq 0\}$
- $L = \{a^n\ b^n\ c^m \mid n,m \geq 2\}$
- $L = \{a^n\ b^m\ c^n \mid n,m \geq 2\}$
- $L = \{a^n\ b^m \mid$ n+m = even$\}$
- $L = \{a^n\ b^m \mid$ n+m = odd$\}$

HTML Table Creator

Statement:	Sample HTML Code
Consider a context-free grammar that generates Strings in a specific format to create an HTML table. The grammar produces a table with rows%3=0 contains Numbers only, where all other rows can contain a Number or Alphabet. The goal is to design a grammar that generates valid HTML code for such a table structure. Sample Output: 2 4 A 5 1 D 8 9	<table> <tr> <td>2<\td> <td>4<\td> <\tr> <tr> <td>A<\td> <td>5<\td> <\tr> <tr> <td>1<\td> <td>D<\td> <\tr> <tr> <td>8<\td> <td>9<\td> <\tr> <\table>

Design a context-free grammar that generates HTML code for a table with rows%3=0. The multiple of 3 rows should display numbers in each cell, while all the other rows should display alphabet or number. Each row should have at least one cells/columns. Table must contain at least one row. So the minimum number of rows and columns could be a single cell that is one row and one column. Your CFG can have variable number of cells/columns for each row. The generated HTML code should follow the standard syntax and structure of an HTML table. For the context-free grammar, you need to define the production rules that generate the HTML code for the desired table structure. Consider the use of non-terminal symbols for different components of the HTML code, such as the <table>, <tr>, <th>, and <td> tags, as well as the number and alphabet elements. You can use this scenario to design and explore the grammar rules that would generate the desired HTML table structure.