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VPL Predictive Parsing - I

Description   **Submission view**

Available from: Monday, 2 September 2024, 11:30 AM
Due date: Monday, 9 September 2024, 11:30 PM
Maximum number of files: 1
Type of work: Individual work

Implement a C/C++ program that takes context-free grammar as input and perform the following tasks.
a) Identify the terminals and non-terminals in the given CFG.
b) Display the FIRST and FOLLOW values for each non-terminal.

c) Construct LL (1) parsing table and display whether the given grammar is LL (1) or not for the strings given in the test case.

VPL

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VPL Predictive Parsing - I

Description   **Submission view**

Submitted on Monday, 9 September 2024, 11:28 PM (Download) (Evaluate)
Automatic evaluation [-]

Proposed grade: 20 / 20

Comments [-]
[+]**Summary of tests**

main.cpp

```cpp
1  #include <iostream>
2  #include <string>
3  #include <sstream>
4  #include <set>
5  #include <vector>
6  #include <algorithm>
7  #include <map>
8
9  using namespace std;
10
11 set<string> nonTerminalsSet;
```