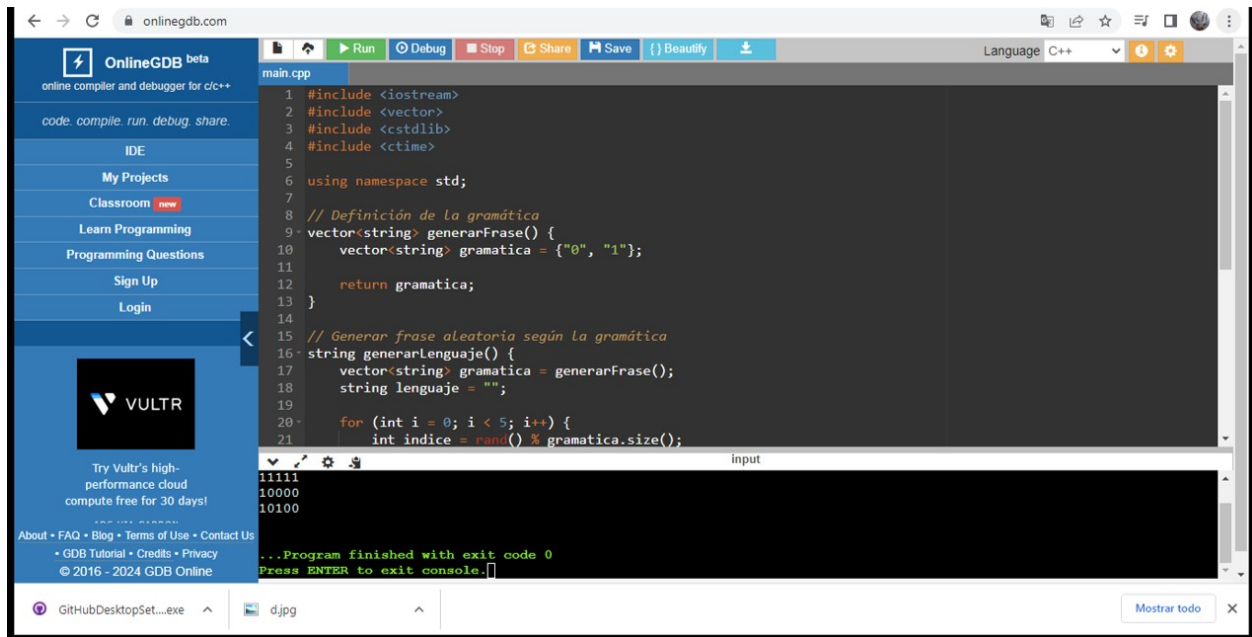


1 GRAMMAR



The screenshot shows the OnlineGDB web IDE interface. The left sidebar contains navigation links: OnlineGDB beta, code, compile, run, debug, share, IDE, My Projects, Classroom, Learn Programming, Programming Questions, Sign Up, and Login. The main editor displays a C++ program named main.cpp. The program includes headers for iostream, vector, cstdlib, and ctime, and uses the std namespace. It defines a function generarFrase() that returns a vector of strings containing "0" and "1". Another function generarLenguaje() uses generarFrase() to create a random string of length 5. The main function calls generarLenguaje() and prints the result. The output console shows the generated string "11111" and the message "...Program finished with exit code 0".

```
1 #include <iostream>
2 #include <vector>
3 #include <cstdlib>
4 #include <ctime>
5
6 using namespace std;
7
8 // Definición de la gramática
9 vector<string> generarFrase() {
10     vector<string> gramatica = {"0", "1"};
11
12     return gramatica;
13 }
14
15 // Generar frase aleatoria según la gramática
16 string generarLenguaje() {
17     vector<string> gramatica = generarFrase();
18     string lenguaje = "";
19
20     for (int i = 0; i < 5; i++) {
21         int indice = rand() % gramatica.size();
```

Input: 11111, 10000, 10100

...Program finished with exit code 0
Press ENTER to exit console.

2 QR

