

```
#include <iostream>
#include <vector>
#include <random>
#include <string>

using namespace std;

#pragma once

/**
 * @brief Splits a string into parts based on a delimiter
 *
 * For example the string: "2.d.12" would be turned into
 * a vector => ["2","d","12"] and returned
 *
 * @param s
 * @param delimiter
 * @return vector<string>
 */
vector<string> tokenize(string s,string delimiter){
    size_t pos = 0;
    vector<string> tokens;
    while ((pos = s.find(delimiter)) != string::npos) {
        tokens.push_back(s.substr(0, pos));
        s.erase(0, pos + delimiter.length());
    }
    tokens.push_back(s);
    return tokens;
}

/**
 * @brief Chooses a random item from a vector of strings
 *
 * Example:
 * given => ["1.d.4","1.d.6","1.d.8"]
 * Choose one of the 3 choices at random and return it.
 *
 * @param choices
 * @return string
 */
string randomChoice(vector<string> choices){
    return choices[rand() % choices.size()];
}
```