SDE Repeat Customer Coding

Exercise details:

- You may use any functions or classes from the JDK, STL, or .NET Framework. Please do not use 3rd party libraries.
- State any assumptions you make for your solution that are not covered in the specification below.

Question:

Given an access log for a website, create a function that counts the number of users who visited the website on multiple days and returns that count.

Each line of the access log contains two fields:

1. The date when the user accessed the website as a string with the format "DD-MM-YYYY".
2. The user's id which is a short alpha-numeric string.

Example:

Given the following input (first line is the number of records in the file):

```
6
11-08-2015 Bob1
11-08-2015 Bob1
11-08-2015 Andrew1
12-08-2015 Charl2
12-08-2015 Andrew1
13-08-2015 Charl2
```

Your function should return **2** because users `Andrew1` and `Charl2` visited on multiple days.

YOUR ANSWER

C++   ⌄   ⚙

```cpp
 1 ▶ #include ↔
22   using namespace std;
23
24 ▼ class LogEntry {
25       string date;
26       string customerId;
27
28       public:
29           LogEntry(string date, string customerId) : date(date),
     customerId(customerId) {}
30           string getDate() { return date; }
31           string getCustomerId() { return customerId; }
32   };
33 ▼ /*
34    * Complete the function below.
35    */
36 ▼ int countRepeatVisitors(vector < LogEntry > logEntries) {
37
38
39   }
40
41



42 ▶ int main() {↔}
71
```

Line: 11 Col: 1

☐ **Test against custom input**   Run Code   Submit code & Continue

(You can submit any number of times)

⬇ Download sample testcases   *The input/output*
files have Unix line endings. Do not use Notepad to edit them on windows.