

```
1 // Open a file
2 // Read contents of file into an array
3 // Obtain user input
4 // Convert user input to uppercase
5 // Search array using user input as criteria
6
7 #include <iostream>
8 #include <fstream>
9 #include<string>
10
11 using namespace std;
12
13 int main()
14 {
15     ifstream myFile;
16     myFile.open("gn.txt");
17     const int NUMBER_OF_GIRLS = 4275;
18     string girlsName[NUMBER_OF_GIRLS];
19     for (int i = 0; i < NUMBER_OF_GIRLS; i++)
20     {
21         myFile >> girlsName[i];
22         cout << girlsName[i];
23     }
24
25     string nameInputted;
26     cout << "Enter a girls name: ";
27     cin >> nameInputted;
28
29     {
30         string temp = "";
31         for (int i = 0; i < nameInputted.size(); i++)
32         {
33             temp += toupper(nameInputted[i]);
34         }
35         nameInputted = temp;
36     }
37
38     for (int i = 0; i < NUMBER_OF_GIRLS; i++)
39     {
40         if (nameInputted == girlsName[i])
41             cout << "found " << nameInputted << " in element " << i;
42     }
43
44     return 0;
45 }
46
47
```