lesson 21 Autocorrect 3

In this program, we don't want to correct the wrong words. The computer will correct them automatically.

The program will be as follows:

```cpp
#include<iostream>
#include<string>
#include<vector>
using namespace std;
vector<string> d;
bool check(string x) {
for (int i = 0; i < d.size(); i++)
if (x == d[i])
return 1;
return 0;
}
/*
we created a function that searches in the vector
*/
string correct(string x) {
int num = 0;
string c = "";
```

```cpp
for (int i = 0; i < d.size(); i++) {
//checking words
int count = 0;
for (int j = 0; j < d[i].size(); j++)
//checking letters of the word
/*
comparing letters of the word in the vector
with the letters of the given word
*/
count++;
if (count > num) {
num = count;
c = d[i];
}
}
return c;
//returning correct word
}
int main() {
d.push_back("hello");
d.push_back("hi");
d.push_back("ok");
//define correct words
```

```cpp
string in;

cout << "Enter a word: ";

cin >> in;

//user enter a word

if (check(in))

cout << in << endl;

//if it's correct we will print it

cout << correct(in) << endl;

//if wrong we correct it

}
```