//to arxeio me tis lekseis prepei na einai sto C://

#include <iostream>

#include <cstdlib>

#include <ctime>

#include <string>

#define maxwords 10

#include <fstream>

#include <streambuf>

#include <algorithm>

#include <sstream>

using namespace std;

const int MAX\_TRIES=10;

int letterFill (char, string, string&);

int main ()

{

string name;

string player;

char letter;

int num\_of\_wrong\_guesses=0;

string word;

string words[maxwords];

ifstream infile;

infile.open ("/file.txt");

int x = 0;

string STRING;

while(!infile.eof())

{

getline(infile,STRING);

stringstream ss(STRING);

std::string token;

while(std::getline(ss, token, ','))

{

words[x] = token;

x++;

}

}

srand(time(NULL));

int n=rand()% 10;

word=words[n];

string unknown(word.length(),'\*');

cout << "\nKalosirthate sthn kremala, paizoume me agglikes lekseis";

cout << "\n\nkathe gramma anaparistatai apo asteraki.";

cout << "\npatate mono ena gramma se kathe prospatheia";

cout << "\n\nexete " << MAX\_TRIES << " prospatheies.";

cout << "\n--------------------------------------------";

while (num\_of\_wrong\_guesses < MAX\_TRIES)

{

cout << "\n\n" << unknown;

cout << "\n\nmantepste gramma: ";

cin >> letter;

if (letterFill(letter, word, unknown)==0)

{

cout << endl << "OPA! to gramma den uparxei!" << endl;

num\_of\_wrong\_guesses++;

}

else

{

cout << endl << "brhkate ena gramma, polu kala!" << endl;

}

cout << "exete " << MAX\_TRIES - num\_of\_wrong\_guesses;

cout << " prospatheies akoma." << endl;

if (word==unknown)

{

cout << word << endl;

cout << "NAI ta kateferate!";

cout << endl << "peite mas to onoma sas!" << endl;

cin >> player;

ofstream file("/Scores.txt", ios::app);

file << player;

file <<" ";

int a=num\_of\_wrong\_guesses;

file << a;

file <<",";

file.close();

ifstream infile2;

infile2.open ("/Scores.txt");

string STRING2;

while(!infile2.eof())

{

getline(infile2,STRING2);

stringstream ss2(STRING2);

std::string token2;

cout << "lista twn nikitwn:\n";

while(std::getline(ss2, token2, ','))

{

std::cout << token2 << '\n';

}

}

break;

}

}

if(num\_of\_wrong\_guesses == MAX\_TRIES)

{

cout << "\nKrima xasate. sas kremasan..." << endl;

cout << "h leksh htan : " << word << endl;

}

cin.ignore();

cin.get();

return 0;

}

int letterFill (char guess, string secretword, string &guessword)

{

int i;

int matches=0;

int len=secretword.length();

for (i = 0; i< len; i++)

{

if (guess == guessword[i])

return 0;

if (guess == secretword[i])

{

guessword[i] = guess;

matches++;

}

}

return matches;

}