#include<iostream>

#include<algorithm>

#include<string>

#include<cctype>

#include<limits>

usingnamespacestd;

stringsortString(conststring&str) {

stringsorted\_str = str;

sort(sorted\_str.begin(), sorted\_str.end());

returnsorted\_str;

}

boolisValidString(conststring&str) {

if (str.length() < 1 str.length() > 10) {

cout<<"Error: thestringmustcontainbetween 1 and 10 characters."<<endl;

cout<<endl;

returnfalse;

}

for (char c : str) {

if (!islower(c)) {

cout<<"Error: thestringshouldcontainonlysmallLatinletters."<<endl;

cout<<endl;

returnfalse;

}

}

returntrue;

}

intmain() {

string s;

charchoice;

charstartGameChoice;

cout<<"WelcometotheGameAlphabet"<<endl;

cout<<"Wouldyouliketostartthegame? (y/n): ";

cin>>startGameChoice;

cin.clear();

cin.ignore(numeric\_limits<streamsize>::max(), '\n');

cout<<endl;

if (startGameChoice != 'y'&&startGameChoice != 'Y') {

cout<<"Goodbye!"<<endl;

return 0;

}

do {

do {

cout<<"Enterthestring: ";

getline(cin, s);

} while (!isValidString(s));

stringsorted\_s = sortString(s);

cout<<"Sortedstring: "<<sorted\_s<<endl;

cout<<endl;

cout<<"Wouldyouliketoenteranotherword? (y/n): ";

cin>>choice;

cout<<endl;

cin.clear();

cin.ignore(numeric\_limits<streamsize>::max(), '\n');

} while (choice == 'y' choice == 'Y');

cout<<"Thanksforplaying! Goodbye!"<<endl;

return 0;

}