1. Write a function to check if a given string contains only alphabetic characters.The function should return true if the string contains only alphabetic characters, and false otherwise.

#include <iostream>

#include <string>

using namespace std;

bool containsOnlyAlphabets(const string& str) {

for (char c : str) {

if (!isalpha(c)) {

return false;

}

}

return true;

}

int main() {

string input;

cout << "Enter a string: ";

getline(cin, input);

if (containsOnlyAlphabets(input)) {

cout << "The string contains only alphabetic characters." << endl;

} else {

cout << "The string does not contain only alphabetic characters." << endl;

}

return 0;

}

Output

