1

#include <iostream>

#include <string>

using namespace std;

int main() {

string numbers;

cin >> numbers;

int sum = 0;

string a = "";

for (int i = 0; i < numbers.length(); i++) {

if (numbers[i] == ',' || numbers[i] == '.') {

sum += stoi(a);

a = "";

} else {

a += numbers[i];

}

}

cout << sum;

}

2

#include <iostream>

#include <string>

using namespace std;

int main() {

string numbers;

getline(cin, numbers);

int counter = 0, tempCounter = 0;

string a = "", tempA = "";

for (int i = 0; i < numbers.length(); i++) {

char temp = numbers[i];

if ((int)temp >= 48 && (int)temp <= 57) {

tempA += numbers[i];

tempCounter++;

}

else {

if (tempCounter > counter) {

a = tempA;

counter = tempCounter;

tempA = "";

tempCounter = 0;

}

}

}

cout << a;

}

3

#include <iostream>

#include <string>

using namespace std;

int main() {

string word;

getline(cin, word);

int counter = 0;

string a = "";

for (int i = 0; i < word.length(); i++) {

if (word[i] != ' ' && word[i] != '.') {

a += word[i];

}

else {

if (a[0] == a[a.length() - 1]) {

counter++;

}

cout << a << " " << a.length() << endl;

a = "";

}

}

cout << "With the same first and last letter: " << counter;

}

4

#include <iostream>

#include <string>

using namespace std;

void sort(string\* const arr, const int n) {

string temp;

for (int i = 0; i < n; i++) {

for (int j = 0; j < n - i - 1; j++) {

if (arr[j] > arr[j + 1]) {

temp = arr[j];

arr[j] = arr[j + 1];

arr[j + 1] = temp;

}

}

}

}

void push(string\*& arr, int& n, const string elem) {

string\* newArr = new string[n + 1];

for (int i = 0; i < n; i++) {

newArr[i] = arr[i];

}

newArr[n] = elem;

n++;

delete[] arr;

arr = newArr;

}

void show(const string\* const arr, const int n) {

for (int i = 0; i < n; i++) {

cout << arr[i] << " ";

}

cout << endl;

}

int main() {

string word;

getline(cin, word);

int n = 0;

string\* arr = new string[n];

string a = "";

for (int i = 0; i < word.length(); i++) {

if (word[i] != ' ' && word[i] != '.') {

a += word[i];

}

else {

push(arr, n, a);

a = "";

}

}

sort(arr, n);

show(arr, n);

}

6

#include <iostream>

#include <string>

using namespace std;

double check(string a) {

string vowels = "aeiou";

int counter = 0;

for (int i = 0; i < a.length(); i++) {

for (int j = 0; j < vowels.length(); j++) {

if (a[i] == vowels[j])

counter++;

}

}

return (double)counter / a.length() \* 100;

}

int main() {

string word;

getline(cin, word);

string a = "";

for (int i = 0; i < word.length(); i++) {

if (word[i] != ' ' && word[i] != '.') {

a += word[i];

}

else {

cout << a << " " << check(a) << "%" << endl;

a = "";

}

}

}

9

#include <iostream>

#include <string>

using namespace std;

int main() {

string word;

getline(cin, word);

string a = "";

string temp = "";

for (int i = 0; word[i]!='.'; i++) {

temp = word[i];

for (int j = 0; j < word.length(); j++) {

if (temp[0] == word[j] && i!=j) {

temp = "";

}

}

a += temp;

}

cout << a;

}

11

#include <iostream>

#include <string>

using namespace std;

int main() {

string word;

getline(cin, word);

string a = "";

string temp = "";

int counter = 0;

for (int i = 0; i < word.length(); i++) {

if (word[i] != ' ' && word[i] != '.') {

temp += word[i];

}

else {

if (temp == "child") {

temp = "children";

counter++;

}

cout << temp << " ";

temp = "";

}

}

cout << endl << "quantity of changes: " << counter << endl;

}

12

#include <iostream>

#include <string>

using namespace std;

int main() {

string word;

getline(cin, word);

string a = "";

for (int i = 0; word[i] != '.'; i++) {

if (word[i] == '(') {

a += word[i];

for (int j = i; word[j] != ')'; j++) {

i++;

}

}

a += word[i];

}

cout << a << endl;

}

13

#include <iostream>

#include <string>

using namespace std;

void sortAndCheck(string arr, const int n) {

string forCheck = arr;

char temp;

for (int i = 0; i < n; i++) {

for (int j = 0; j < n - i - 1; j++) {

char a = arr[j];

char b = arr[j + 1];

if ((int)a > (int)b) {

temp = arr[j];

arr[j] = arr[j + 1];

arr[j + 1] = temp;

}

}

}

if (forCheck == arr)

cout << arr << endl;

}

void check(string a) {

int counter = 0;

for (int i = 0; i < a.length(); i++) {

char temp = a[i];

if ((int)temp < 48 || (int)temp > 57) {

counter++;

}

}

if (counter == 0)

sortAndCheck(a, a.length());

}

int main() {

string word;

getline(cin, word);

string a = "";

for (int i = 0; i < word.length(); i++) {

if (word[i] != ' ' && word[i] != '.') {

a += word[i];

}

else {

check(a);

a = "";

}

}

//cout << a << endl;

}

16

#include <iostream>

#include <string>

using namespace std;

int main() {

string word;

getline(cin, word);

string a = "";

bool cheker = true;

for (int i = 0; i < word.length(); i++) {

if (word[i] == '.') {

cheker = false;

}

if (cheker && word[i] == ',') {

continue;

}

if (!cheker && word[i] == '3') {

a += "+";

continue;

}

a += word[i];

}

cout << a << endl;

}

20

#include <iostream>

#include <string>

using namespace std;

int main() {

string word;

getline(cin, word);

word += " ";

string a = "", temp = "";

int counter = 1;

for (int i = 0; i < word.length()-1; i++) {

if (word[i] == word[i+1]) {

counter++;

//cout << counter << endl;

}

else {

a += word[i];

if(counter > 1) {

a += to\_string(counter);

counter = 1;

}

}

}

cout << a << endl;

}

23

#include <iostream>

#include <string>

using namespace std;

int main() {

string word;

getline(cin, word);

string a = "";

char temp;

double res = 0;

if (word[0] == '-') {

temp = '-';

a = "0";

}

else {

temp = '+';

}

for (int i = 0; i < word.length(); i++) {

if (word[i] != '+' && word[i] != '-' && word[i] != '\*' && word[i] != ':' && word[i] != '=') {

a += word[i];

}

else {

double num = stoi(a);

switch (temp) {

case '+':

res += num;

break;

case '-':

res -= num;

break;

case '\*':

res \*= num;

break;

case ':':

res /= num;

break;

default:

res += num;

break;

}

a = "";

temp = word[i];

}

}

cout << to\_string(res);

}

24

#include <iostream>

#include <string>

using namespace std;

void sort(string\* const arr, const int n) {

string temp;

for (int i = 0; i < n; i++) {

for (int j = 0; j < n - i - 1; j++) {

if (arr[j].length() > arr[j + 1].length()) {

temp = arr[j];

arr[j] = arr[j + 1];

arr[j + 1] = temp;

}

}

}

}

void push(string\*& arr, int& n, const string elem) {

string\* newArr = new string [n + 1];

for (int i = 0; i < n; i++) {

newArr[i] = arr[i];

}

newArr[n] = elem;

n++;

delete[] arr;

arr = newArr;

}

void show(const string\* const arr, const int n) {

for (int i = n-1; i >=0; i--) {

cout << arr[i] << " ";

}

cout << endl;

}

int main() {

string word;

getline(cin, word);

int n = 0;

string\* arr = new string[n];

string a = "";

for (int i = 0; i < word.length(); i++) {

if (word[i] != ' ' && word[i] != '.') {

a += word[i];

}

else {

push(arr, n, a);

a = "";

}

}

sort(arr, n);

show(arr, n);

}

25

#include <iostream>

#include <string>

using namespace std;

int main() {

string numbers;

cin >> numbers;

double sum = 1;

string a = "";

for (int i = 0; i < numbers.length(); i++) {

if (numbers[i] == ',' || numbers[i] == '!') {

sum \*= stod(a);

a = "";

}

else {

a += numbers[i];

}

}

cout << sum;

}