Week 11

=====================================================

Problem 1101:

=====================================================

#include <iostream>

#include <string>

using namespace std;

int main()

{

string stroka, stroka2;

int index;

getline(cin, stroka);

cin >> stroka2;

index = stroka.find(stroka2);

cout << index;

}

=====================================================

Problem 1102:

=====================================================

#include <iostream>

#include <string>

using namespace std;

string up(string stroka)

{

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

if (stroka[i] >= 'a' && stroka[i] <= 'z')

stroka[i] = stroka[i] - 32;

return stroka;

}

int main()

{

string stroka, stroka2;

int index;

getline(cin, stroka);

cin >> stroka2;

index = up(stroka).find(up(stroka2));

cout << index;

}

=====================================================

Problem 1103:

=====================================================

#include <iostream>

#include <string>

using namespace std;

int main()

{

string stroka, stroka2;

getline(cin, stroka);

cin >> stroka2;

size\_t index = stroka.rfind(stroka2);

(index > 1000000) ? cout << -1 : cout << index;

return 0;

}

=====================================================

Problem 1104:

=====================================================

#include <iostream>

#include <string>

using namespace std;

int main()

{

string stroka, stroka2;

getline(cin, stroka);

cin >> stroka2;

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

for (int j = 0; j < stroka2.length(); j++)

if (stroka[i] == stroka2[j])

stroka[i] = '\*';

cout << stroka;

return 0;

}

=====================================================

Problem 1105:

=====================================================

#include <iostream>

#include <string>

using namespace std;

int main()

{

string stroka;

string stroka2 = "";

getline(cin, stroka);

int index = 0;

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

if (isalpha(stroka[i]))

index = i;

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

{

if (stroka[i] == ' ' && isalpha(stroka[i + 1]) && isalpha(stroka[i - 1]))

cout << " ";

else if (stroka[i] == ' ' && stroka[i + 1] == ' ' && isalpha(stroka[i - 1]) && i - 1 != index)

cout << " ";

else if (isalpha(stroka[i]))

cout << stroka[i];

}

return 0;

}

=====================================================

Problem 1106:

=====================================================

#include <iostream>

#include <string>

using namespace std;

int main()

{

string stroka;

int index = 0;

getline(cin, stroka);

for (int i = stroka.length() - 1; i >= 0; i--)

cout << stroka[i];

return 0;

}

=====================================================

Problem 1108:

=====================================================

#include <iostream>

#include <string>

using namespace std;

string down(string stroka)

{

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

if (stroka[i] >= 'A' && stroka[i] <= 'Z')

stroka[i] = stroka[i] + 32;

return stroka;

}

int main()

{

string stroka;

getline(cin, stroka);

stroka = down(stroka);

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

{

if (stroka[i] == 'a' || stroka[i] == 'o' || stroka[i] == 'y' || stroka[i] == 'e' || stroka[i] == 'u' || stroka[i] == 'i')

continue;

else

cout << "." << stroka[i];

}

return 0;

}

=====================================================

Problem 1110:

=====================================================

#include <iostream>

#include <string>

using namespace std;

string convert(string stroka)

{

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

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

if (stroka[i] < stroka[j])

swap(stroka[i], stroka[j]);

return stroka;

}

int main()

{

string stroka, stroka2;

getline(cin, stroka);

setline(cin, stroka2);

(convert(stroka) == convert(stroka2)) ? cout << "YES" : cout << "NO";

return 0;

}