//FOR1

#include<iostream>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Ru");

int k, n, a = 0;

cout << "Введите количество ";

cin >> n;

cout << "Введите число ";

cin >> k;

for (int i = 0; i < k; i++)

{

cout << k << endl;

}

}

//FOR2

#include<iostream>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Ru");

int mini, maxi, a, b, s = 0;

cin >> a >> b;

mini = min(a, b);

maxi = max(a, b);

for (; mini <= maxi; mini++)

{

cout << mini << endl;

s++;

}

cout << s << endl;

}

//FOR3

#include<iostream>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Ru");

int mini, maxi, a, b, s = 0;

cin >> a >> b;

mini = min(a, b);

maxi = max(a, b) - 1;

for (; mini < maxi; maxi--)

{

cout << maxi << endl;

s++;

}

cout << s << endl;

}

//FOR4

#include<iostream>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Ru");

int a, b, s = 1;

cin >> a;

for (int i = 1; i <= 10; i++)

{

cout << a \* i << endl;

}

}

//FOR5

#include<iostream>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Ru");

float a, s = 1;

cin >> a;

for (float i = 0.1; i <= 1.1; i += 0.1)

{

cout << (float)a \* i << endl;

}

}

//FOR6

#include<iostream>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Ru");

float a, s = 1;

cin >> a;

for (float i = 1.2; i <= 2.2; i += 0.2)

{

cout << (float)a \* i << endl;

}

}

//FOR7

#include<iostream>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Ru");

int a, b, s = 0;

cin >> a >> b;

for (; a <= b; a++)

{

s += a;

}

cout << s << endl;

}

//FOR8

#include<iostream>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Ru");

int a, b, s = 1;

cin >> a >> b;

for (; a <= b; a++)

{

s \*= a;

}

cout << s << endl;

}

//FOR9

#include<iostream>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Ru");

int a, b, s = 0;

cin >> a >> b;

for (; a <= b; a++)

{

s += a \* a;

}

cout << s << endl;

}

//FOR10

#include<iostream>

using namespace std;

int main()

{

setlocale(LC\_ALL, "Ru");

int n;

float s = 0.0;

cin >> n;

for (int i = 1; i <= n; i++)

{

s += (float)1 / i;

}

cout << s << endl;

}