//Vishal Singh

//Batch 2

//roll no 63

#include<bits/stdc++.h>

using namespace std;

int main()

{

    vector<double> nums={1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16};

    double parameter=0.6;

    for(auto it : nums)

    {

        double ans= abs((10 - it) / max(int(it), 10)) \* parameter ;

        if (ans == 0)

            cout<< it <<"-->"<< 1<<endl;

        else if (ans > 1)

            cout<< it <<"-->"<< 0<<endl;

        else

            cout<< it <<"--->"<< 1 - ans<<endl;

    }

}

Output:

Graphical user interface, text, application

Description automatically generated