//take a number and find the frequency of prime factors m

#include <iostream>

using namespace std;

int main()

{

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Online C++ Compiler.

Code, Compile, Run and Debug C++ program online.

Write your code in this editor and press "Run" button to compile and execute it.\*/

int a,b,c=0,x ,i ;

cin>>x;

for(i=1;i<=x;i++)

{

if(x%i==0)

{

a=0;

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

{

if(i%j==0)

a++;

}

c=0;

if(a==2)

{ b=x;

while(b%i==0)

{

b=b/i ;

c++;

}

cout<<"Frequency of"<<i<<"is"<<c<<"\n";

}

}

}

return 0;

}