

DATE:23/11/2023

PROGRAM-31

AIM:write a program to read two numbers from user and first number is divided by second number. Raise exception if second number is zero.

CODE:

```
#include<iostream>

#include<stdexcept>

using namespace std;

void show(){

    int a,b;

    int s;

    cout<<"the numbers are "<<endl;

    cin>>a>>b;

    try{

        if(a==0){

            throw a;

        }

        else{

            s=b/a;

            cout<<"the division is possible "<<endl;

            cout<<s<<endl;

        }

    }

    catch(int k){

        cout<<"the division is not possible "<<endl;

    }

}
```

```
int main(){  
    show();  
    show();  
    show();  
}
```