P1)

//PROGRAM 1

#include<iostream>

using namespace std;

void divide();

int main()

{

try{

divide();

}

catch(double x)

{

cout<<"DIVIDE BY ZERO ERROR!"<<endl;

}

return 0;

}

void divide()

{

double num1,num2;

try{

cout<<"Enter two numbers"<<endl;

cin>>num1>>num2;

if(num2==0)

{

throw num2;

}

cout<<"num1/num2 = "<<num1/num2<<endl;

}

catch(double x)

{

cout<<"error encountered!\n"<<endl;

throw x;

}

}

OUTPUT:

