P7)

//PROGRAM 7

#include<iostream>

using namespace std;

void getYandX(double\*,double\*);

void calcSlope();

int main()

{

try

{

calcSlope();

}

catch(double x)

{

cout<<"cannot divide by zero "<<endl;

}

return 0;

}

void calcSlope()

{

double y,x;

getYandX(&x,&y);

cout<<"The slope is = "<<y/x<<endl;

}

void getYandX(double \*x,double \*y)

{

double x2,x1,y2,y1;

cout<<"Enter the values of x1,x2,y1,y2"<<endl;

cin>>x1>>x2>>y1>>y2;

\*y=y2-y1;

\*x=x2-x1;

if(\*x==0)

throw \*x;

}

OUTPUT:

