#include<iostream>

using namespace std;

void main()

{

float a,b,x,y,z,pi=3.14,r;

char c;

cout<<"Enter you choice"<<endl;

cout<<"# for area and circumference of the circle"<<endl<<"\* for addition and division"<<endl;

cin>>c;

switch(c)

{

case'#':

cout<<"Enter the radius\t"<<endl;

cin>>r;

x=(3.14\*r\*r);

cout<<"This is area of circle\t"<<x<<endl;

y=(2\*pi\*r);

cout<<"This is circumference of the circle\t"<<y<<endl;

break;

case '\*':

cout<<"Enter the first value\t"<<endl;

cin>>a;

cout<<"Enter the second value\t"<<endl;

cin>>b;

z=a+b;

cout<<"Result of addition\t"<<z<<endl;

z=a/b;

cout<<"Result of division\t"<<z<<endl;

break;

default:

cout<<"Invalid no"<<endl;}

getchar();

getchar();

}