#include<stdio.h>

int main()

{

printf("输入两个数字\n");

char a[10],b[10];

scanf("%s",a);

scanf("%s",b);

int i,pi;

int F = 0,p = 0;

double aa = 0,bb = 0;

double point = 0;

for(i = 0;a[i] != '\0';i++)

{

if(a[i]<'9'&&a[i]>'0')

{

aa = aa\*10+(a[i]-'0');

continue;

}

if(a[i] == '.')

{

p = 1;

break;

}

F = 1;

break;

}

if(p)

{

for(pi = 1,i++;a[i] != '\0';i++,pi++)

{

point = a[i]-'0';

for(int ii = 0;ii<pi;ii++)

{

point \*=0.1;

}

aa+=point;

}

}

if(0)

{

printf("字符串\"%s\"无法转换成数字！请重新输入两个数字。\n请输入两个数字",a);

}

else

{

F = 0,p = 0;

point = 0;

for(i = 0;b[i] != '\0';i++)

{

if(b[i]<'9'&&b[i]>'0')

{

bb = bb\*10+(b[i]-'0');

continue;

}

if(b[i] == '.')

{

p = 1;

break;

}

F = 1;

break;

}

if(p)

{

for(pi = 1,i++;b[i] != '\0';i++,pi++)

{

point = b[i]-'0';

for(int ii = 0;ii<pi;ii++)

{

point \*=0.1;

}

bb+=point;

}

}

}if(F)

{

printf("字符串\"%s\"无法转换成数字！请重新输入两个数字。\n请输入两个数字",b);

}

else

{

printf("%g+%g=%g\n",aa,bb,aa+bb);

printf("%g-%g=%g\n",aa,bb,aa-bb);

printf("%g\*%g=%g\n",aa,bb,aa\*bb);

printf("%g/%g=%g\n",aa,bb,aa/bb);

}

}