#To create a return X raised to the power returns X raised to the power n, where n, where n be the any integer made by Pushkar Dixit

#include<iostream.h>

double power (double, int);

void main ()

{

double X;

int n;

cout<< "Enter the value of X\n";

cin >> X;

cout<<"Enter the value of n\n";

cin>>n;

cout<< "The result is:" <<power (X, n);

}

double power (double x, int n)

{

if(x==0)

return 0;

if(n==0)

return 1;

double y=1;

for (int i=0;i<n;i++)

y=y \* x;

for (int j=0;j>n;j--)

y= y/x;

return y;

}

