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//answer to quetion #38846, Programming, C++  
  
#include <iostream>  
  
using namespace std;  
  
static const double LIGHT_SPEED = 299792458;  
  
int main()  
{  
    double m;  
    cout << "Enter a mass in kilograms: ";  
    cin >> m;  
  
    if (m < 0)  
    {  
        cout << "Mass can't be negative." << endl;  
        return -1;  
    }  
  
    double E = m * LIGHT_SPEED * LIGHT_SPEED;  
    cout.precision(3);  
    cout << "The energy is " << E << " joules." << endl;  
    return 0;  
}
```