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// floatdec.cpp
// Example of floating-point decimal variables.

#include <iostream>

using namespace std;

int main()
{
    float x;
    double Radius_of_Earth, Mass_of_Electron;

    x = 2.5;
    Radius_of_Earth = 6.37816e6;           // notice lower
case "e" for scientific notation
    Mass_of_Electron = 9.109E-31;         // notice upper case
"E" for scientific notation

    cout << x << endl;
    cout << Radius_of_Earth << endl;
    cout << Mass_of_Electron << endl;

    return 0;
}
```