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#include <iostream>
#include <iomanip>
using namespace std;

void kreis(const double& radius, double& flaeche, double& umfang);

int main()
{
    double radius, flaeche, umfang;

    cout << setw(20) << "Radius"
         << setw(20) << "Flaeche"
         << setw(20) << "Umfang" << endl;
    cout << fixed;
    for(radius=0.5; radius <= 10.0; radius+=0.5)
    {
        kreis(radius, flaeche, umfang);
        cout << setprecision(1)
             << setw(20)
             << radius;
        cout << setprecision(5)
             << setw(20)
             << flaeche;
        cout << setprecision(5)
             << setw(20)
             << umfang << endl;
    }
    return 0;
}

void kreis(const double& radius, double& flaeche, double& umfang)
{
    const double PI = 3.1415926536;
    flaeche = PI * radius * radius;
    umfang = 2 * PI * radius;
}

```