**Write a program that gets radius of a circle, write a single function that provides an area and circumference (pass by reference).**

#include <iostream>

#define PI 3.14159

using namespace std;

int main()

{

float radius, area, circum;

cout << "\n\n Find the area and circumference of any circle:\n";

cout <<"----------------------------------------------------\n"; cout<<" Input the radius(1/2 of diameter) of a circle : "; cin>>radius;

circum = 2\*PI\*radius;

area = PI\*(radius\*radius);

cout<<" The area of the circle is : "<< area << endl; cout<<" The circumference of the circle is : "<< circum << endl; cout << endl; return 0;

}