```c
/*
Thomas Gibbons
Profit.c
Lab 1
Problem 1
*/
#include <stdio.h>
#include <math.h>

#define PI 3.14159265

int main(void)
{
    /*Data*/
    int r;

    /*Input*/
    printf("\nRadius of Circle: ");
    scanf("%d",&r);

    /*Loop if radius not positive*/
    int error=1;
    while(r<=0)
    {
        /*Give them 2 errors at most*/
        if(error>2)
        {
            /*Termination message*/
            printf("\nToo many attempts");
            printf("\nProgram terminated.\n");
            return 1;
        }
        else
        {
            /*Input*/
            printf("\nRadius must be greater than 0");
            printf("\nPlease try again: ");
            scanf("%d",&r);
            error++;
        }
    }
    /*Analysis and output*/
    float area;
    area=PI*r*r;
    printf("\nThe area is: %.2f\n",area);
    return 0;
}
```