# Report 1

```c
#include <stdio.h>

#define PI 3.14159

int main()
{
    float r,
    area,
    circumference;

    printf("Enter the radius of circle> ");
    scanf("%f", &r);

    circumference = 2 * PI * r;
    area = PI * r * r;

    printf("\nFor a circle with radius of %.2lf\n", r);
    printf("The Circumference = %.2lf\n", circumference);
    printf("The Area = %.2lf\n", area);
}
```

**Output:**

Enter the radius of circle> 4.2
For a circle with radius of 4.20
The Circumference = 26.39
The Area = 55.42