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C	**Session**	Input & Output	**Question Information**	Level 2 Challenge 6

Problem Description:
Arul and Kani own the farm in the beautiful location of the city were lot of cows was roaming around. One day Arul and Kani was out of the city. On that day cows have eaten the grasses in the farm which is circular in structure.

Whem Arul and Kani reached the location they were shocked to see the grass being eaten by crows. Now they wold like to know for how much area and circumference of the farm the cows have eaten the grass.

Can you help them finding it.

Functional Description:
Circumference = $2*\pi*r$
Area = $\pi * r * r$
$\pi = 3.14$

Constraints:
1.00 <=rad <=100.00

Input Format:

The only line of the input represents the radius of the circle of type float.

Output Format:
Print the area in the first line and circumference in the second line with only 2 values after decimal point

Logical Test Cases

Test Case 1

INPUT (STDIN)

```
78.6
```

EXPECTED OUTPUT

```
19398.79
493.61
```

Test Case 2

INPUT (STDIN)

```
91.3
```

EXPECTED OUTPUT

```
26174.07
573.36
```

Mandatory Test Cases

Test Case 1

Test Case 2

Test Case 3

KEYWORD	KEYWORD	KEYWORD
float rad;	float PI=3.14,area,ci;	%.2f

Complexity Test Cases

Test Case 1	Test Case 2	Test Case 3
CYCLOMATIC COMPLEXITY	TOKEN COUNT	NLOC
1	70	13

CODE :

```c
//CH.SC.U4CSE24015
#include <stdio.h>
#define PI 3.14
int main()
{
    float rad,area,ci;
    scanf("%f",&rad);
    area = PI*rad*rad;
    ci = 2*PI*rad;
    printf("%.2f\n",area);
    printf("%.2f",ci);
    return 1;
}
```

OUTPUT:

```
78.6
19398.79
493.61
Process returned 1 (0x1)   execution time : 2.130 s
Press any key to continue.
```

```
78.6
19398.79
493.61
Process returned 1 (0x1)   execution time : 2.130 s
Press any key to continue.
```