C Program to calculate perimeter and area of a circle, take radius as input.

Sol.

```
//C program to find area and perimeter of a circle
#include<stdio.h>
int main() {
    //In circle pi = 3.14
    float radius, perimeter, area, pi=3.14;
    printf("nEnter the radius of Circle : ");
    scanf("%f", &radius);
    // Perimeter of circle = 2πr
    perimeter = 2 * pi * radius;
    printf("nPerimeter of Circle : %f", perimeter);
    //Area of circle = π*r*r
    area = pi * radius * radius;
    printf("nArea of Circle : %f", area);
    return (0);
}
```

Output:

```
Enter the radius of Circle : 3

Perimeter of Circle : 18.840000
Area of Circle : 28.260000
```

Related posts:

1. C program to calculate remainder, difference, division, product
2. C program to calculate perimeter and area of a rectangle
3. C program to calculate perimeter and area of a square
4. C prgoram to convert inch to feet
5. C program to convert KM to CM
6. C program to convert meter to centimeter

7. C program to use printf() without semicolon ” ; “
8. C program to swap two numbers using 2 variables
9. C program to find nth term using Arithmetic progrssion
10. C program to find sum of first n even positive numbers
11. C program to calculate sum of first n even numbers
12. C program to find nth odd number
13. C program to find sum of first n odd positive numbers
14. Function in C Programming
15. C Programming Q & A
16. Main function in C Programming Q and A
17. Void main in C Programming
18. Variables Q and A in C Programming
19. Write a C Program to find the percentage of marks ?
20. Write a c program to find age of a person ?
21. Write a c program to get table of a number
22. What is Break statement in C Programming ?
23. Write a c program to generate all combinations of 1, 2 and 3 using for loop.
24. Write a C program to print all the prime numbers between 1 to 50.
25. Write a C program to get factorial of a number ?
26. What is user defined function in C programming ?
27. Difference between C and C++ Programming ?
28. Difference between C, C++ and Java Programming
29. C program addition of numbers using pointer
30. C Syntax
31. Comments in C
32. Variables in C
33. Data types in C

34. Format specifiers in C
35. Type Conversion in C
36. Constants in C
37. Operators in C
38. Pre and Post Increament Practice Problems
39. Pre and Post Increament
40. Array in C
41. C Introduction
42. C Get Started
43. C Pointers
44. C History
45. C Program Compiling and running
46. C While loop
47. C Do While Loop
48. C For loop
49. break and continue statement
50. Control Statements in C
51. C if-else ladder
52. C if statements
53. C 2-Dimensional array
54. C String library functions
55. C Functions
56. C Functions Categories
57. C Actual Arguments
58. Write a program that prints the message “Hello, World!”
59. Write a program that asks the user to enter two numbers, and then prints the sum of those two numbers.

60. Write a program that asks the user to enter a number and then determines whether the number is even or odd.
61. Write a program that swaps the values of two variables.
62. Write a program that asks the user to enter a number and then calculates and prints its factorial.
63. Write a program that asks the user to enter a number N and then prints the first N numbers in the Fibonacci sequence
64. Write a program that swaps the values of two variables without using a temporary variable
65. Converts a number into integer, float, and string
66. Program to find the length of the string
67. Program to convert string to uppercase or lowercase
68. Program to prints the numbers from 1 to 10.
69. What is identifier expected error
70. Difference between static and non static methods in Java
71. C String Input
72. C Character input
73. C Programming Variables MCQ
74. Object & Classes
75. C Programming find the output MCQs