

C program to find nth odd number. Take a number as input.

Sol.

Input = 5

Output = 9 //nth odd positive number =  $2*n-1$

First three odd numbers are 1, 3, 5, 7, 9.

```
/* C program to find nth odd number */  
  
#include<stdio.h>  
int main()  
{  
    int nOddNumber, oddNum, loop, nthOddNum=0;  
    printf("Enter a number: n");  
    scanf("%d",&nOddNumber);  
    printf("%dth odd numbers is:n",nOddNumber);  
    for(loop=1, oddNum=1; loop<=nOddNumber; loop=loop+1, oddNum=oddNum+2)  
    {  
        nthOddNum = oddNum;  
    }  
    printf("%d",nthOddNum);  
    return 0;  
}
```

Output :

```
Enter a number:  
5  
5th odd numbers is:  
9
```

## Related Posts:

1. C program to find nth term using Arithmetic progrssion

2. C program to find sum of first n even positive numbers
3. C program to find sum of first n odd positive numbers
4. C program 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 calculate remainder, difference, division, product
8. C program to use printf() without semicolon " ; "
9. C program to swap two numbers using 2 variables
10. C program to calculate sum of first n even numbers
11. C program to calculate perimeter and area of a rectangle
12. C program to calculate perimeter and area of a square
13. C program to calculate Perimeter and Area of Circle
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 Increment Practice Problems
- 39. Pre and Post Increment
- 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