

TCS NINJA EXCEPTED TEST PAPERS-2018

The TCS test Sampus seasons will have four sections:

- 1) Section-1 **Quantitative Test**
- 2) Section-2 **Verbal Test (Test on Written English skills)**
- 3) Section-3 **Test on Programming Language Proficiency (based on 'C')**
- 4) Section-4 **Coding test (C Language)**

Section 4 Coding(important)

Q1 : Write a C program to calculate the factorial of a non-negative integer N. The factorial of a number N is defined as the product of all integers from 1 up to N. Factorial of 0 is defined to be 1. The number N is a non-negative integer that will be passed to the program as the first command line parameter. Write the output to stdout formatted as an integer WITHOUT any other additional text. You may assume that the input integer will be such that the output will not exceed the largest possible integer that can be stored in an int type variable.

FIND....

Q2: Write a C program to find the area of a triangle given the base and the corresponding height. The values base and height are both positive integers passed to the program as the first and second command line parameters respectively. Write the output to stdout formatted as a floating point number rounded to EXACTLY 2 decimal precision WITHOUT any other additional text. Scientific format(such as 1.00E+5) should NOT be used while printing the output. You may assume that the inputs will be such that the output will not exceed the largest possible real number that can be stored in a float type variable.