

Course  
&  
Test Series

Self-Made Assignment - Functions

Call by Value and Call by Reference in C Plus Plus



CBSE

1. Write a function `calculateArea(float radius)` that takes the radius of a circle as input and returns its area. Use the formula  $\text{Area} = \pi * r^2$  ( $\pi = 3.14159$ ).

Output:

Radius: 5.5

Area of Circle: 95.0332



ICSE

2. Write a function `sumNaturalNumbers(int n)` that calculates the sum of the first n natural numbers and returns the result. Use this function in `main()`.

Output:

Number: 10

Sum of first 10 natural numbers: 55



NTSE



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