

CodeChum NPC 2025 – Mock Practice Set

Instructions:

- Solve all problems in **1 hour**.
 - Use **CodeChum** style console applications.
 - Allowed languages: **C, C++, C#, Java, Python**.
 - Score will be based on **top 5 students**.
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Problem 1: Hello Chum!

Write a program that prints exactly:

Hello, CodeChum 2025!

Problem 2: Sum of Three

Input three integers. Print their **sum**.

Sample Input:

5 10 15

Sample Output:

30

Problem 3: Odd or Even

Input a number. Print "Even" if it's even, "Odd" if it's odd.

Sample Input:

11

Sample Output:

Odd

Problem 4: Multiplication Table

Input an integer n. Print the multiplication table of n from 1 to 10.

Sample Input:

3

Sample Output:

$3 \times 1 = 3$

$3 \times 2 = 6$

...

$3 \times 10 = 30$

Problem 5: Reverse String

Input a string. Print it in reverse order.

Sample Input:

LSPU

Sample Output:

UPSL

Problem 6: Array Average

Input n integers, store them in an array, and output their **average (2 decimal places)**.

Sample Input:

5

10 20 30 40 50

Sample Output:

30.00

Problem 7: Largest in 2D Array

Input a 3 x 3 matrix of integers. Print the **largest element**.

Sample Input:

1 2 3

9 5 6

4 8 7

Sample Output:

9

Problem 8: Prime Checker

Input a number. Print "Prime" if it is a prime number, otherwise "Not Prime".

Sample Input:

13

Sample Output:

Prime