

CSE 321 Lab Assessment 1

28th February, 2026

Total Marks: 7

Time: 50 mins

Question 1 [2 marks]

Using shell commands, create a folder named "CSE321_25_LabAssessment1" and then create a file named "task2.c" inside that folder. Use another shell command to list all files and directories in the current directory.

Question 2 [5 marks]

Write a C program that takes an integer n ($1 \leq n \leq 1000$) as input (from the standard input).

- If n is even, then find the sum of all positive odd numbers smaller than n .
- Otherwise, find the sum of all positive even numbers smaller than n .

Sample Input	Sample Output
10	25
5	6

Sample Explanation

The sum of all odd numbers smaller than 10 is $1 + 3 + 5 + 7 + 9 = 25$.

The sum of all even numbers smaller than 5 is $2 + 4 = 6$.