

**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  $2 + 4 = 6$ .