

Ahsanullah University of Science and Technology

Department of Computer Science and Engineering

Examination: Online 2

Session: Spring 2021

Year/Semester: 4/1

Course No: CSE4130

Course Title: Formal Languages and Compilers Lab

Mark: 10

Time: 15 Minutes.

SET 4

Write a C program that receives a string from user and finds out whether that string follows a given pattern or not. The pattern is: **(I)*a_dd⁺** where **I=[a-z]** and **d=[0-9]**

Sample Input	Sample Output
Input String: da_00	String follows the pattern.
Input String: dc_01	String does not follow the pattern.