

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 3**

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: **(d)\*I\_d<sup>+</sup>** where **I=[a-z]** and **d=[0-9]**

Sample Input	Sample Output
Input String: 0c_1	String follows the pattern.
Input String: a_x1	String does not follow the pattern.