

# Ahsanullah University of Science and Technology

Department of Computer Science and Engineering

Examination: Online 2

Session: Fall 2022

Year/Semester: 4/1

Course No: CSE4130

Course Title: Formal Languages and Compilers Lab

Mark: 10

Time: 15 Minutes.

## SET 1

Write a C program that reads a text file containing lexemes which are separated by a single space and finds out how many floating point numbers are there. The regular expression is: **d.dd\*** where **d=[0-9]**

Sample Input File	Sample Output
<pre>int a = 3 ; float b = 1.34 ; b = 9.344 c = .145 ; return 0 ;</pre>	Number of floating point numbers: 2