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 2

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
`int a = 3 ; float b = 10.34 ; c = 9.345` `d = .145 ; e = 93.34 ; return 0 ;`	`Number of floating point numbers: 2`