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 6

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 lie in the regular expression: $\mathbf{d.d^+}$ where $\mathbf{d=[0-9]}$

Sample Input File	Sample Output
`int a = 3 ; float b = 10.3 ; c = 9.345 d = .145 ; e = 4.3 ;`	`Number of floating point numbers: 2`