

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 3**

Write a C program that reads a text file containing lexemes which are separated by a single space and finds out how many identifiers lie in the regular expression:  **$1\_1^+$**  where  **$1=[a-z]$**

| Sample Input File  | Sample Output            |
|--|--------------------------|
| <code>int a_ = 3 ; float b_z = 10.34 ; c =<br/>9.345 d1 = .145 ; e_xm = 93.34 ;</code> | Number of identifiers: 3 |