

Ahsanullah University of Science and Technology

Department of Computer Science and Engineering

Examination: Online 4

Session: Fall 2022

Year/Semester: 4/1

Course No: CSE4130

Course Title: Formal Languages and Compilers Lab

Mark: 10

Time: 15 Minutes.

Set

Write a C program that will scan a given C program (possibly with some syntax errors) and find out the misplaced brackets (all) along with line numbers, if there is any.

Sample Input	Sample Output
<pre>float x1 = 3.125; /* Definition of function f1) */ double f1(float a, int int x)) { if(x<x1) double z;; else z = 0.01;} else return return z; }</pre>	<p>Unmatched First Bracket at Line Number 3. Misplaced Curly Brace at Line Number 9.</p>