

Ahsanullah University of Science and Technology

Department of Computer Science and Engineering

Examination: Online 3

Session: Fall 2022

Year/Semester: 4/1

Course No: CSE4130

Course Title: Formal Languages and Compilers Lab

Mark: 10

Time: 20 Minutes.

Set C

Suppose, a symbol table has been generated for a given C program and stored as a text file, named “symbolTable.txt” ([SI no] [ID Name] [ID Type] [ID Scope]) and the file is given as input. Your job is to write a program that will be able to manipulate the Symbol Table to Delete the row of a given position and display the updated symbol table.

Say, the content of the “symbolTable.txt” file is:

1	x1	var	global
2	f1	func	global
3	x	var	f1
4	z	var	f1
5	main	func	global
6	n1	var	f1

Sample Input	Sample Output																				
Given index : 4	<div>The updated Symbol Table:<table><tr><td>1</td><td>x1</td><td>var</td><td>global</td></tr><tr><td>2</td><td>f1</td><td>func</td><td>global</td></tr><tr><td>3</td><td>x</td><td>var</td><td>f1</td></tr><tr><td>4</td><td>main</td><td>func</td><td>global</td></tr><tr><td>5</td><td>n1</td><td>var</td><td>f1</td></tr></table></div>	1	x1	var	global	2	f1	func	global	3	x	var	f1	4	main	func	global	5	n1	var	f1
1	x1	var	global																		
2	f1	func	global																		
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4	main	func	global																		
5	n1	var	f1																		