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 D

Suppose, a symbol table has been generated for a given C program and stored as a text file, named "symbolTable.txt" ([Sl no] [ID Name] [ID Type] [ID Value]) and the file is given as input. Your job is to write a program that will be able to manipulate the Symbol Table to Update the value of a given variable and display the updated symbol table.

Say, the content of the "symbolTable.txt" file is:

```
1      x1       global      4.6
2      f1       global
3      x        f1          2.6
4      main     global
5      x        main        70
```

Sample Input	Sample Output
Given index : x main New value: 100	The updated Symbol Table: 1 x1 global 4.6 2 f1 global 3 x f1 2.6 4 main global 5 x main 100