

System Software Laboratory

Expt. No 02

Date: 21 / 08/2019

Marks: 05

Experiment

Input: SIC or SIC/XE assembly language program.

Tasks:

1. Tokenising the input file **SIC_in.txt**.
2. Store input file **SIC_in.txt** to output file **SIC_out.txt**.
3. Along with **SIC_out.txt** create an additional column in the beginning with 1000 in first column and increment the value by 3 on every line.
4. Store third column from **SIC_out.txt** to a new file **SIC_ThirdCol.txt**.
5. Store first column and second column (1000) from **SIC_out.txt** to a new file **SIC_FirstCol.txt**.
6. Search 7 keywords from second column of **SIC_out.txt** and if found store them in a new **Search.txt** file, if not found then display an appropriate error message.
7. Check for **duplicates** in the second column from **SIC_out.txt**, if exists display them.