

Project 2 Report

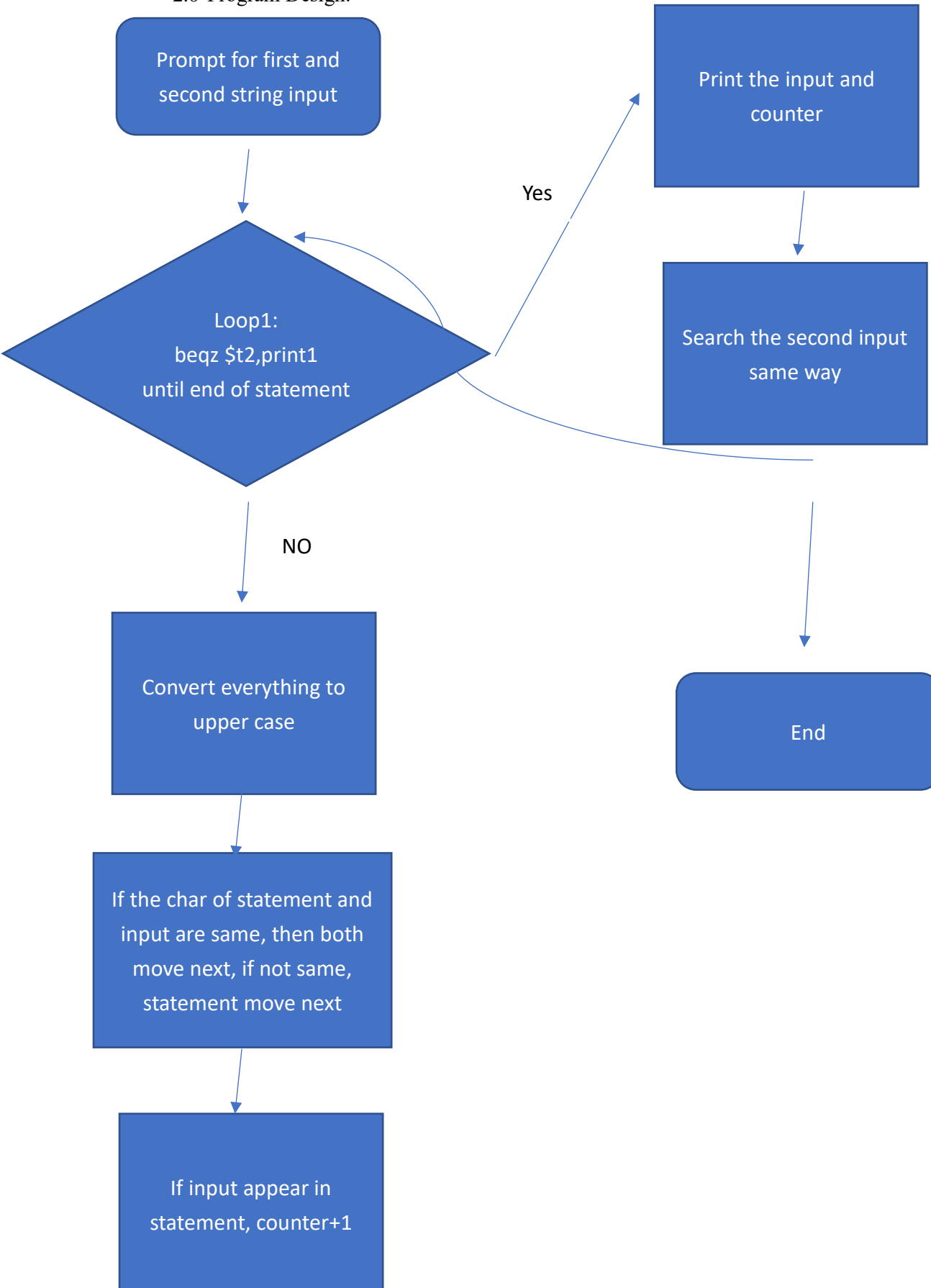
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CSCE212-002

1.0 Project Description:

This project will have a statement. It can prompt two string input for search and count how many time the input appear in statement. Then output the number of times without case sensitive.

2.0 Program Design:



3.0 Symbol Table:

\$t0	\$t1	\$t2	\$t3	\$t4
Address of statement	Address of input	Byte of statement	Byte of input	Counter

4.0 Learning Coverage:

Argument register

Syscall

Procedures

Address

Branch

Byte

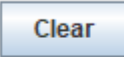
5.0 Test Plan:

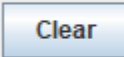
Gamecocks, Football: as same as the sample, so it is easy to know if correct

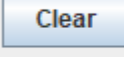
KJBmflk,LaLMm: just make program would not count incorrectly

GaMe, souTH: make sure it is not case sensitive

6.0 Test Results:


 Please input first word: Gamecocks
 Please input second word: Football
 GAMECOCKS: 2
 FOOTBALL: 4
 -- program is finished running --


 Please input first word: KJBmflk
 Please input second word: LaLMm
 KJBMLK: 0
 LALMM: 0
 -- program is finished running --


 Please input first word: GaMe
 Please input second word: souTH
 GAME: 3
 SOUTH: 3
 -- program is finished running --