Flowchart Question 1

Initialize registers with string addresses

Initialize flag register to 1; assume we start with a space character in the beginning

Cont

Load word sized data from search string and key word string.

Yes

No

Was the key string found?

Previous character was whitespace

Copy single character to result string

Set flag if character is whitespace

Increment string pointer by 3 characters

No

Yes

End of string?

Cont

Increment string pointer by 1 character

End Program

Cont