this is my name

delimeter

sting\_array

temp\_string

1. Loop the string saving the characters to temp string,
2. If character is delimiter add our temp string to array

Lorem ipsum dolor sit amet.

Declare str, index , delimiter, delimiters\_count, word, word\_index, words, word\_len

Count the number of delimiters in str save delimiter\_count + 1 for NULL terminator

Create words pointer of size delimiter\_count.

Loop character in str

~~Count each looped character before delimiter.~~

~~Check if delimiter is matched~~

If delimiter match or at end of string

Check if word\_len > 0

Create word of size world\_len

Save characters from str(index- word\_len) to index to word

Add word at word\_index in words

Set word\_len to 0

Increment word\_index

else

increment word\_len

increment index

Add NULL terminator to words

Return words

# Delimiter Reached Algorithm.

DECLARE str, str\_index, str\_index\_delimiter, delimiter, delimiter\_index, delimiter\_len, is\_delimiter

SET is\_delimiter to 1, str\_index\_delimiter to str\_index

LOOP: str characters from str\_index up to delimiter\_len

If delimiter[delimiter\_index] != str[str\_index\_delimiter]

SET is\_delimiter to 1

break;

INCREMENT str\_index\_delimiter, delimiter\_index

Return is\_delimiter;