String Functions Assignment

Mandatory

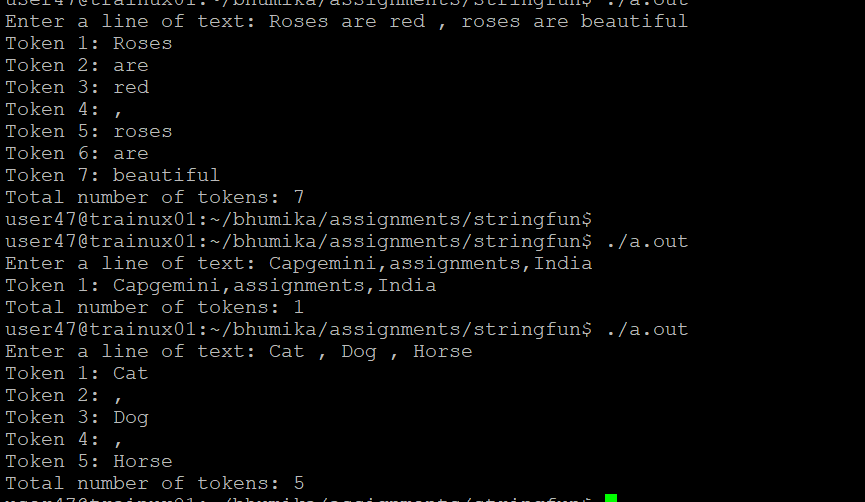
1. WAP to prompt and read a line of text with words separated by space. Tokenise and extract the words. Display them. Impement the following functions for this.

a. int tokenise(char \*arr); //tokenise and display tokens , return number of tokens to the caller

[Use strtok() to tokenise]

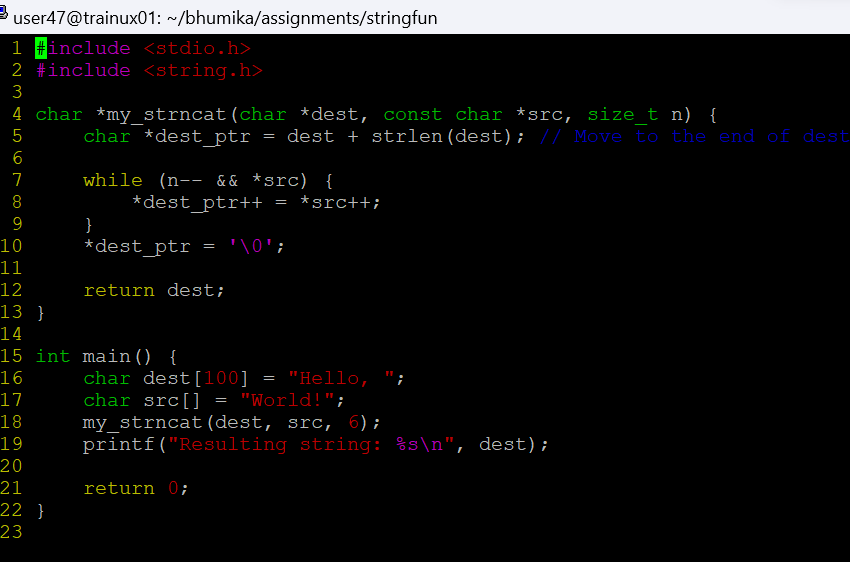
A computer screen shot of a program

Description automatically generated



2. Implement your own strncat() which shall concatenate n characters from src to dest.

char \*strncat(char \*dest, const char \*src, size\_t n)



A black screen with white text

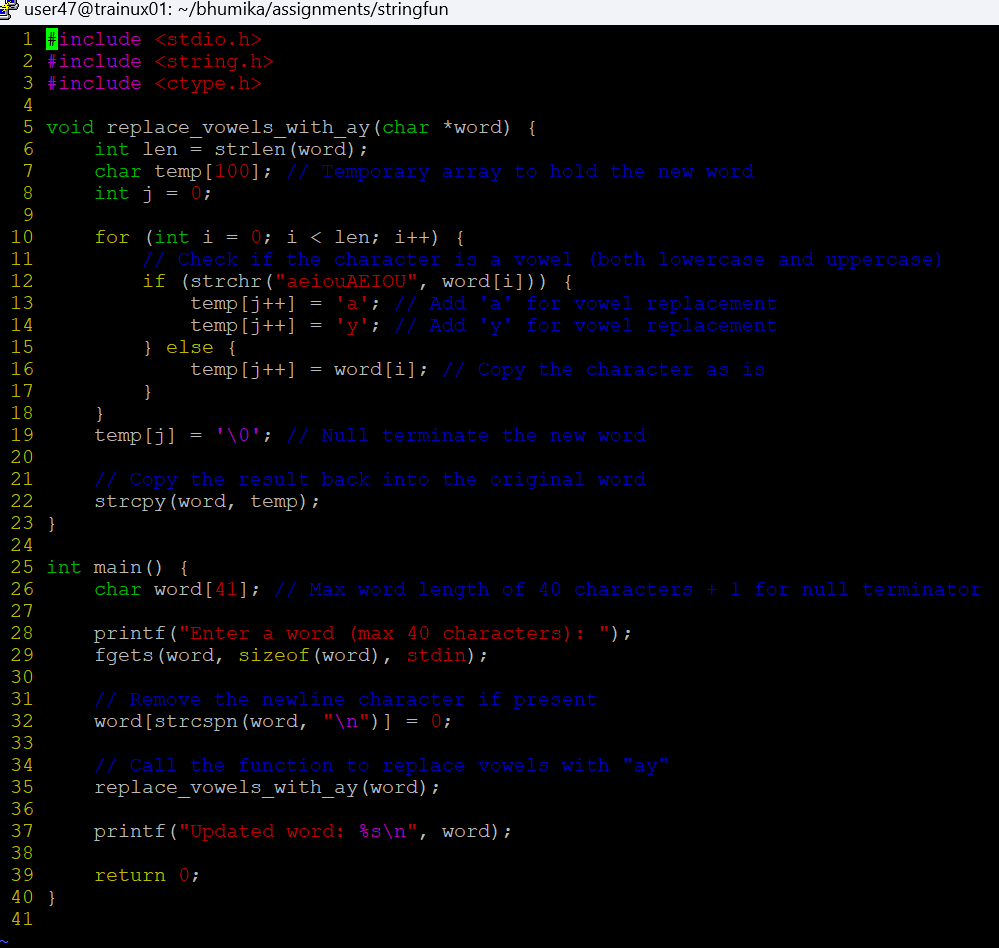
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3. WAP to

a. Search for and replace the vowel characters (upper and lower case) with “ay” in a word read from user. Consider a maximum word length of 40 characters.

b. Identify the test inputs to be used

c. Display updated string



A computer screen with white text

Description automatically generated