

# MAT 115E Introduction to Programming Language

## Lab-12 / CRN : 10610

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### 1 Question 1

As is known, encryption is very old. The most primitive coding technique is done by shifting the letters one in a string to the right. According to this information, write a C program which encrypts the each word in the **words.txt** file in ninova by shifting the letters to a right. Then, create the file named **encrypted.txt** and write these encrypted words into this file .

**Note:** Your program should have a function with the following prototype to encrypt a word.

**void encryption(char \*s)**

For example, if the character string is "Coffee" then the encrypted word must be "Dpggff"

### 2 Question 2

Write a C program that accomplishes the followings:

#### A USER-DEFINED FUNCTION:

- It takes a string as a parameter.
- It finds and returns the reverse of the given string.

#### IN MAIN FUNCTION:

- 1.) Open the file **wordsq2.txt** given in ninova.
- 2.) Read a word from the file.
- 3.) Find the reverse of this word.
- 4.) Write the reversed word at the end of the same file.
- 5.) Repeat step 2.) until there are no more words left in the file.