**ISLAMIC UNIVERSITY OF TECHNOLOGY (IUT)**

**ORGANISATION OF ISLAMIC COOPERATION (OIC)**

**Department of Computer Science and Engineering (CSE)**

**Course: 4108, Lab Task 12-2a**

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Recreate you own version of “string.h” header file. Name your version “mystring.h” and create the following functions for the header file:

void strcat(char \*a, char \*b); //concatenates two strings

void strcpy(char \*a, char \*b); // copies one string into the other

int strcmp(char \*a, char\* b); // compares two strings lexicographically

int strlen(char \*a); // Finds the length of a string

void strrev(char \*a); // reverses a string

**Sub-Tasks:**

1. Create the functions in the main C file and run them. (7)
2. Create the new header file “mystring.h” and include it in the main C file. (3)
3. Use your self-created header file to join the following pairs of words, then reverse them, and sort them. (5)

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