Depeartment of Computing

Faculty of Computing and Information Technology (FCIT)

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Computer Organization & Assembly Language

(0+1)

Semester Project Report

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(“Project Name”)

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ABSTRACT :

To Understand Input Environment of a User and Give the Exact Count Whatever Entered be the user.

Introduction :

The Program Focuses on The Characters In simple means anything entered by the user it just Counts And give its ascii in return(As Output).

Problem Statement :

We don’t know the exact length of how it is going in the program flow whatever entered by the user in the program or how much memory/processes or tasks Operated by the program.

Methodology :

We are using specific Registers to Work on Character count for example we may require a register with user input then we apply a loop depend on the length of words until termination defined button hitted by the user from keyboard when termination done it will give control to the jmp function here one specific jmp required which is je. Then we define a label when jmp condition works then operation of count under the label performes by the inc function and gives the result into ascii defined as initially from 01.

Screenshots :

Text

Description automatically generated

Text

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generated with medium confidence

Graphical user interface, application, Word

Description automatically generated

Testing :

Text

Description automatically generatedText

Description automatically generated

Conclusion :

With the use of this program the user may have advantage to know the exact amount of length inputed or user defined in the program also wherever the count program used by the user at wherever he or she wants to use in the software.

Future :

It will be useful where a user wants to know the realtime evaluation in the form of character count of a program or any project or software to assess further his or her working in their project.