## PROJECT REPORT

Project Owner: **Abdul Wasay 1812254**

## Course Name: Computer Organization and Assembly Language

## Course Code: CSC 2201

## Project Name: Quiz System

## Introduction to Assembly Language:

## This is a brief introduction to assembly language. Assembly language is the most basic programming language available for any processor. With assembly language, a programmer works only with operations implemented directly on the physical CPU. Assembly language lacks high-level conveniences such as variables and functions, and it is not portable between various families of processors. Nevertheless, assembly language is the most powerful computer programming language available, and it gives programmers the insight required to write effective code in high-level languages. Learning assembly language is well worth the time and effort of every serious programmer.

## Project Discription:

## Quiz system is a game concept.In this game, we have set 10 questions. For each right answer 1 mark will be increased and for each wrong answer 1 mark will be decresed from total points and at the end of the quiz total marks will be shown.

## In this project We have basically used j

## jjm

## JMP

## JE

## JNE

## INC

## DEC

## ADD

## Now we will discuss about the some important part of our project code.

## 

## we have set 10 varriables from msg 1 to msg9 for printing our desired strings and also we have used Q1-Q9 and QA1-QA9 for printing our desired questions and their options.

## 

## Now we have taken a start level. At first we have printed a new line and then we have taken an input to compare carrage return. If it is eqal then it will go to the QSn1 level .

## 

## Now we will go to the question 1 level and 1 input will be taken and it will be compared to the correct answer. If it is eqal then it will go to the Qsn2 level otherwise it will reach to the Qsnw2 level.

## 

## In QSN2 level bl will be incremented for right answer then again the same procedure for input will take place.

## 

## In QSnw2 level bl will be decremented for wrong answer then again the same procedure for input will take place.

## 

## In exit level we have added 48 with bl to convert our inner ascii to decimal so that the user may easily understand the obtained marks.

## FLOW CHART :

## FLOW CHART.PNG

## CONCLUSION :

## This is really an interesting quiz system. Anyone can judge himself within a short time by this quiz system. We also gather a huge knowledge about Assembly Language by completing this project. We also hope that in future we can make more project in Assembly Language.