University of Central Punjab

(Incorporated by Ordinance No. XXIV of 2002 promulgated by Government of the Punjab)
FACULTY OF INFORMATION TECHNOLOGY

Computer Organization and Assembly Language

Lab 12	
Topic	1. Interrupts

PART 2

Note: Use interrupts.

Task 1:

Write a program which takes two single digit numbers **as input from the user**, multiplies them and display the result on screen at location row 20 and column 20 with *blue background and blinking color white*.

Let num1 db 5

Num2 db 3

Result db 0

Task 2

Write a program which gets the percentage of the student as input and displays the equivalent grade on screen. If user inputs 95 it should display 'GRADE:A   Percentage: 95%'.

A	90%-100%
B	80%-89%
C	70%-79%
D	60%-69%
F	0%-59%

Task 3:

Write a program which takes the input from the user and displays the message 'prime number' on screen if it is a prime number else display 'not a prime number.'

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Task 4:

Write a program which takes the input from the user, saves it in a **STRING_A** and displays the message 'Password matched' if two strings are same otherwise displays "Incorrect password!"

Let

STRING_A db 0

String_b db 'AbCd7&6$1',0