Computer Organization and Assembly Language

Lab 13	
Topic	1. Interrupts

PART 1

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