	Course Name:	Computer Organization and Assembly Language	Course Code:	EL213
	Program:	BS(CS)	Semester:	Fall 2018
	Duration:	30 Minutes	Total Marks:	10
	Date:	November 20,2018	Weight	
	Section:	F	Page(s):	1
	Exam Type:	Quiz-2		

Student Name:_____   **Roll No :**_____

Instruction/Notes:	1. Plagiarism in any form shall not be tolerated.
	2. Understanding the question statement is a part of your quiz.
	3. You are allowed to use soft copy of book provided to you in the course folder.

Question 1:

You are required to write **a software interrupt routine** hooked at interrupt **85h** that displays the date as '**day of the week**', or '**date'**, or '**month**' or '**year**' as asked by the user. For input 1 display week-day; for input 2 display date; input 3 should display month and input 4 should display year. Make sure to display day of the week as 'Sunday', 'Monday' 'Tuesday' etc (Hint: You can make an array of names of the days.). **Both input and output should be through BIOS services.**

For date, use INT 21h/service 2ah. The details of INT 21h/service 2ah are as follows:

INT 21h / AH=2Ah - *get system date*;
 Returns (all values in hex):
          Input:
CX = year (1980-2099).
DH = month.
DL = day.
AL = day of week (00h=Sunday)

Sample input/output for all cases.

	1	2	3	4
Output:	Tuesday	20	11	2018

Write your code here: