# **Perform all task in lab**

# **Question No. 1**

**Your task is to hook divide by zero interrupt, write relative message (Denominator is zero or quotient cannot fit into the destination (AL/AX**)**) on screen, and then terminate program.**

# **Question No. 2**

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| Following 2 lines generate an interrupt of get system date  mov AH, 2ah  int 21h  and when you return from this interrupt you have:  AL = Day of the week [0=SUN, 6=SAT)  CX - Year (1980-2099)  DH = Month (l-12)  DL = Day (1-31) |

**Your task is to, write an ISR and hook it with INT 21h. This service routine has to display date in following different formats on screen. (Use original INT 21h ISR to get system date in your ISR). Terminate your code properly. (Hint save original ISR address). Use string instructions for string manipulation.**

* DD/ MM/YYYY, e.g. 31/10/2017
* DD MM, YYYY e.g. 31 Oct, 2017

**Question No. 3**

Solve attached paper,

