

# Project-2 of EE 390

Term 062

Due Date: 1<sup>st</sup> of June, 2007

Submission: Please upload (in WebCT) the projects ASM and EXE files.

Make sure that the executable file works to score point.

## Project Description:

- Write an assembly language program, which when executed will continuously display the current DATE and TIME in the middle of the monitor screen. Use the largest available font, and remember that the user should be able to terminate the program by pressing any key from the keyboard (use key board buffer).

## Hint:

- (1) Use INT 21<sub>H</sub> (with AH=2A<sub>H</sub>) to get computer **date**-information into the CX and DX registers. See the hyperlink for more information “  
<http://www.ctyme.com/intr/rb-2686.htm>”
- (2) Use INT 21<sub>H</sub> (with AH=2C<sub>H</sub>) to get computer **time**-information into the CX and DX registers. For more information see <http://www.ctyme.com/intr/rb-2703.htm>.
- (3) Similarly, use interrupt to interact with **keyboard buffer** for **exiting**.