

Lab Manual – Software Interrupts

Write a program that does following:

- 1- When user runs yourprogram.com on Dosbox, ask user to enter name, roll number, course name and section on same screen (using DOS or BIOS service). Save the data in a memory. Print user friendly message "Enter your name:" (using BIOS/DOS Service).
- 2- After taking data, redirect the user to new empty screen (call clearscreen function that we have already done) and in the middle of screen (12th row, 30th Column) display all the data (using BIOS/DOS Service).
- 3- Explore example 12.3, writing in graphics mode service or some other video memory related service (scroll up/down etc.), and submit some fruitful output. You may get help from internet but do save the URLs in asm file as referenc. (**Note for Lab Instructor:** Mark roll numbers of students who show some new service' functionality and forward me. **Note for Students:** Show me your work and get bonus marks. Multiple students coming with same service' functionality will not be given any credit.) You can do this activity in a group of two.