

### **Problem1:**

Write a program that displays your time table. Day names, session names and subject codes are in arrays.

```
Days      db 'SAT','SUN','MON','TUS','WED','THU'
Sessions  db '1ST','2ND','3RD','4TH','5TH','6TH','7TH'
Lectures   db 'GENN001',0,0,0,'CMPN201',0,0...etc.
```

Lectures array means that your first session at Saturday is GENN001, you are free at second, third and fourth sessions at Saturday and your fifth session is CMPN201...and so on for the rest of days and sessions.

The program should display time table as a matrix with day names at the header row and session names in the first column. Day names shown in red and session names in green.

### **Problem2:**

Write a program that counts upwards by increments of 1 and displays the count with a 1-second delay in between counting. When any key is pressed, it stops counting. The initial count should be entered by the user.

### **Deadline and submission rules:**

- Teams of 2 members.
- Deliver the .asm files.
- Deliver screenshots showing the program output.
- Compress all the deliverables into a single file with name: "student name1\_student name2.zip"
- Send this compressed file to [sandrawahid@hotmail.com](mailto:sandrawahid@hotmail.com)
- Use the following email subject: [Micro][SEM]Assign3\_Student Name1\_Student Name2
- Due by email is 6 Dec. 2019 at midnight.
- Discussion will be held at section time.
- Each student has to fully understand both problems, you may be asked in anyone.
- In the discussion, we will use DosBox so make sure that your program is working using it.