Lab2

Student is asked to write code and execute by using AFD commands and see register working and loop working.

Mechanism to Conduct Lab:

Students and teacher communicate through Skype/Adobe Connect. Students will write code using Notepad or Programmer's Notepad and will share code and screen output.

Nasm: https://vulms.vu.edu.pk/Courses/CS401/Downloads/AssmSoft.zip

DosBOX: http://sourceforge.net/projects/dosbox/files/dosbox/0.74-2/DOSBox0.74-2-win32-installer.exe/download

Programmers Notepad: https://github.com/simonsteele/pn/releases/download/v2.4.2/portable-pn2421440.zip

Solution:

```
[org 0x0100]
mov bx,20
mov cx,20
mov ax,0
l1:
add ax, bx
sub cx, 1
jnz l1
mov [total], ax
mov ax,0x4c00
int 0x21
total: dw 0
```