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Class: BAI-4A

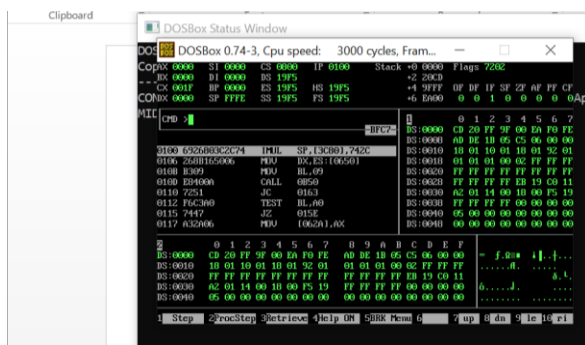
Roll No: 22P-9295

## COAL LAB TASK #04

### Step 1:

**cs= 0800**

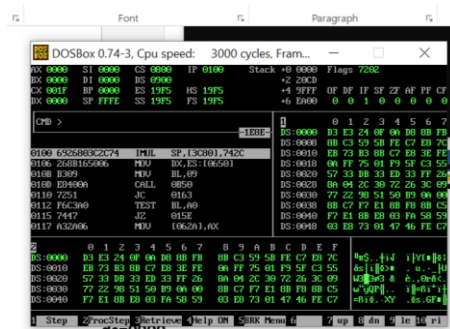
In this step the value 0800 is stored in the cs register.



### Step 2:

**ds=0900**

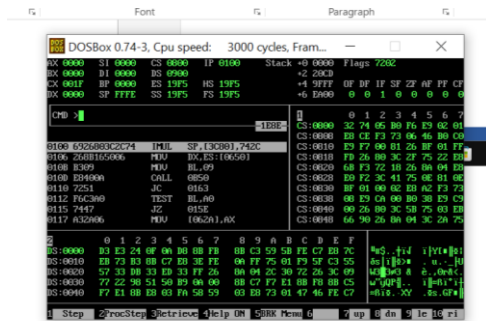
Here the value 0900 is stored in the ds register.



### Step 3:

**M1 cs: 0800**

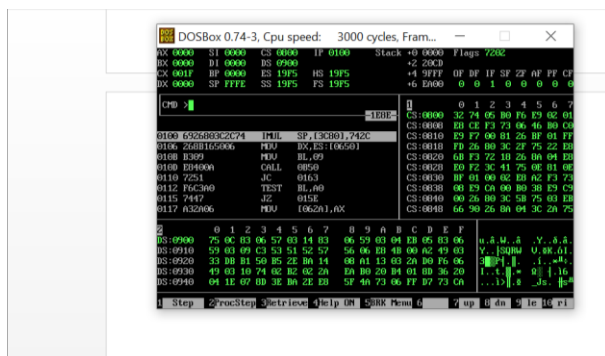
Here the memory of cs register in m1 is being visualized.



Step 4:

M2 ds: 0900

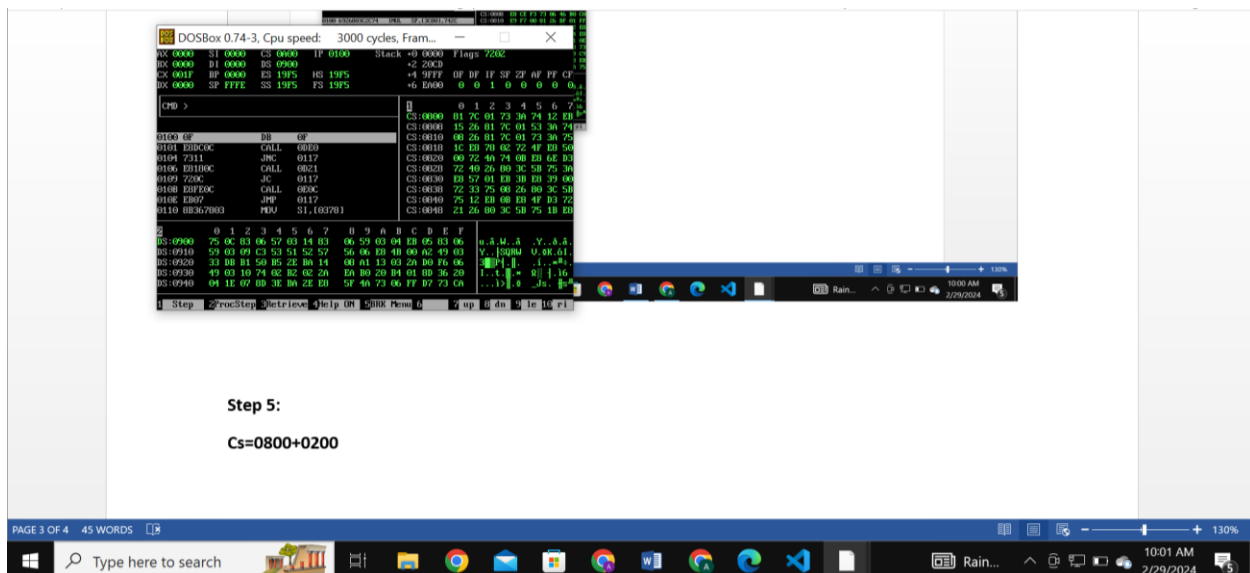
Here the memory of ds register in m2 is being visualized.



Step 5:

Cs=0800+0200

Here the offset 0200 is being added to the value stored in cs register i.e 0800.



Step 6:

Ds=0900+0100

Here the offset 0100 is being added to the value stored in ds register i.e 0900.

