Practice using the Fill, Move, Search and Dump debug commands. Note that the commands are not assembly language instructions but are used to allow inspection and modification of memory in the Real mode of CPU operation. Assembly language programs can be written that will perform the same functions as the debug commands, but that will be done latter in the course. For a quick reference of the format the debug commands refer to chapter 4 of the notes.

1. Fill a block of memory with a repetitive three data sequence: 12H, 3FH, DCH using the fill command starting at segment 3000, offset 0100 to offset 01ff of the same segment (note that H is not used in debug but is shown here to emphasize that the numbers are in hex)

2. Move the data to segment 4000 offset 0000 using the move command

3. Search for 3F from segment 4000 offset 0040 to offset 007f

How many instances of 3f did it locate in that range? _____

Perform a dump command in front of instructor over the range that the data was moved-to (destination address range)

 Instructor Verification _____