GAIUS SATIABASI IBANGA   25th July 2020

17IENG021029

COMPUTER ENGINEERING

COE306

TEST

Question 3

a) Registers are made up of 4 different sections and
   segment registers are part of it.
   Segment registers make up 6 of the application registers
   and they hold pointer to segment instructions ie (.code) (.data), etc

b) → Main Proc : means the beginning of the procedure/process
   → Mov AX, 47104 : means ~~the~~ that the value 47104 is
     being moved to the AX register ~~address~~
   → ADD EAX, 1270 : means ~~the~~ that 1270 is being added to
     the EAX register
   → Mov DS, AX : means that the ~~data~~ data in the AX register is being
                                     the
     moved to the DS register
   → Main ENDP : means the end of the procedure.

                                        6Dh
c) i value1 BYTE   6Dh : ~~it is~~ a hexadecimal ~~figure~~
   ii value2 DWORD   2 : it is a double word (32-bit)
   iii value3 SBYTE -10, -20, -30, -40, -50 : many signed
                                                    integer