**PRE LAB 05**

1. Write a program in assembly language to print Fibonacci series up to a given number.

**1**, **1**, **2**, **4**, 7, 13, 24, 44, 81,…

1. Use following array declarations:

arrayB BYTE 10, 20, 30  
arrayW WORD 100, 200, 300  
arrayD DWORD 1000, 2000, 3000

Now initialize three double word variables SUM1, SUM2, SUM3 and perform following operations (expressed in pseudo-code here):  
  
SUM1 = arrayB + arrayW + arrayD //ADD FIRST ELEMENT OF ALL ARRAY  
SUM2 = arrayB+ arrayW+ arrayD // ADD SECOND ELEMENT OF ALL ARRAY  
SUM3 = arrayB+ arrayW+ arrayD // ADD THIRD ELEMENT OF ALL ARRAY