|  |  |
| --- | --- |
| No | Practical |
| 1 | Write an 8086 assembly program to add two 8 bit numbers and use different addressing modes |
| 2 | Write an 8086 assembly program to Add/Subtract two 32 bit BCD numbers and answer must be BCD |
| 3 | Write an 8086 assembly program which multiply two 8 bit packed BCD and ensure answer is also BCD |
| 4 | Write an 8086 assembly program two compare two 32 bit numbers |
| 5 | Write an 8086 assembly program to add an array of 10 numbers |
| 6 | Write an 8086 assembly program to count odd and even numbers from the given array of 20 numbers |
| 7 | Write a program to arrange given array in ascending/descending order |
| 8 | Write an 8086 assembly program to insert a given element in already sorted array |
| 9 | Write an 8086 assembly program to find occurrence of given character in given string |
| 10 | Write an 8086 assembly program for concatenation of two strings |
| 11 | Write an 8086 assembly program to find the length of given string |

**Assignment 2**

**CP304: Processor Architecture**

03/08/2018

**Install emulator and run all the above programs. Show me from Monday to Friday (6/8/18 to 10/8/18) from 10.00 to 11.00**

**Dr N M Patel**