**Assignment – 9**

1)The Given String Is Stored At Memory Location 1000 Onwards: ”Microprocessor And Interface” Ended With ‘0dh’.  
Write 8085 Program To Count Occurrences Of Each Character In Given String.  
Output Is Displayed From Memory Location 2000.  
  
2)Write An 8085 Program To Check The Substring From Given String  
Example:  
Given String:"Hello World"  
Substring:"Wor"

3) Write An Assembly Language Program In 8085 Microprocessor To Subtract Two 8 Bit BCD Numbers.

4) Write An Assembly Level Language Program To Convert 8 Bit BCD Number To Its Respective ASCII Code.