CS1121 Programming Assignment 3 (8%) [due April.6]

1. Write a program that generates a simple calendar for one month given what day the first day is and how many days there are in that month.  
      For example:  
      - Input:   
                 The first day is: Thu  
                 The days in the month: 31  
  
       - Output  
  
Sun Mon Tue Wed Thu Fri Sat  
                              1   2    3  
  4      5     6      7    8   9    10  
 11    12   13    14   15  16  17  
 18    19   20    21   22  23  24  
 25    26   27    28   29  30  31  
  
Note: Probably you need to use character strings in this program,  
  
to declare a char string s1 which can contain 9 characters at most: char s1[10];  
  
to compare whether a char string s1 and another string s2 are equal: strcmp(s1, s2);  
 *strcmp(s1, s2): The function returns an integer greater than, equal to, or less than 0,  if the string pointed to by s1 is greater than, equal to, or less than the string pointed to by s2 respectively. For details, please check the C function manual.*  
  
2. Write an addition and multiplication program that can handle huge numbers.   
  
Input: 2 large numbers (up to 30 digits)

Ex) 123456789101112131, 839382763950606

Output: addition result and multiplication result

 Addition:

    Ex)123456789101112131 + 839382763950606 = 12 …

 Multiplication:

     Ex)123456789101112131 \* 839382763950606 =  …