0. (2pts.)  
What's wrong with this #define line?  
    #define N 10;  
  
The semicolon at the end.  
  
1. (2pts.)  
Suppose you defined the macro  
    #define SIX 2+4  
  
    Then, suppose you used it in another expression:  
       int x = 12 / SIX;  
  
    What value would x be set to?  
  
int x = 12 / SIX;  
int x = 12 / 2 + 4  
int x = 6 + 4  
int x = 10  
x= 10 because of order of operations

2. (4pts.)  
Write your own version of atoi:  
    Take a char, inspect its numeric value and return its corresponding int value:  
    (do not use atoi() or any other automatic conversion function)  
        e.g.  
            int test = my\_atoiChar('5');  
            if( test == 5 )  
            {  
                return 0;  
            }  
            else  
            {  
                return -1;  
            }

EX: (2pts.)  
Using my\_atoi, expand it to convert a string representing an integer in to an integer.  
Take a string of any length, scan its chars until you hit the '\0' and return the entire string's int value:  
(do not use atoi() or any other automatic conversion function)  
    e.g.  
        int test = my\_atoiString("512");  
        if( test == 512 )  
        {  
            return 0;  
        }  
        else  
        {  
            return -1;  
        }