Assembly language
Third assignment

1) Write a complete assembly language program to read two matrices A and B and display the result matrix C, which is the sum of A and B. Your program should consist of a main procedure that calls the r e a d _ m a t r i x procedure twice to read data for A and B. It should then call the m a t r i x _ a d d procedure, which receives pointers to A, B, C, and the size of the matrices. Note that both A and B should have the same size. The main procedure calls another procedure to display C

2) Write a procedure s t r _ s t r that receives two pointers to strings s t r i n g and subs t r i n g and searches for s u b s t r i n g in s t r i n g . If a match is found, it returns the starting position of the first match. Matching should be case sensitive. A negative value is returned if no match is found. For example, if
string = Good things come in small packages.
and
substring = in

the procedure should return 8 indicating a match of in in things .

Due date is 11/05/2016