



Your Name: _____
ID#: _____

TA's Name: _____
Section #: _____

Take-Home Quiz 7 (15 pts) - Arrays and Strings

Using Blackboard Learn <https://learn.wsu.edu/webapps/login/> submit your quiz. You will submit your assignment in the *lab* Blackboard space. Under the "Content" link navigate to the "Quiz Submissions" folder and upload your solution to the appropriate "Quiz" space. You must upload your solution, through an attachment, as <your last name>_quiz7.pdf by the due date and time.

1. (5 pts) Write a fragment of C code that declares a two-dimensional array of integers called `matrix`. The array should consist of 10 rows and 5 columns. The fragment should then iterate through each row and column and set the *element* to the *difference* of the row index and column index of that element, i.e. row index - column index.
2. (7 pts) Write a function called `find_min()`, which accepts as parameters: a two-dimensional array of integers, the number of rows, and the number of columns in the array. The function searches the entire array for the smallest value and returns it.
3. (3 pts) What is a C string? Explain.