

CECS 130 1&2
Assignment 6
Assignment due on or before 9:00pm Friday, March 3, 2017

1. Create a program that uses the `strstr()` function to search the string, "The results were dismal – really dismal. The fees charged were astronomical fees" for the following occurrences (display each occurrence found to standard output):
 - a. "Result"
 - b. "dismal"
 - c. "fees".
2. Create a program that uses the `strcmp()` function to arrange strings alphabetically.
 - a. Start by building an array of strings to hold the following three strings in the given order: {"Result", "dismal", "fees"} then
 - b. write a `findMin` function that takes a char array and it's size as parameters return the "smallest" (alphabetically, precedes e.g. "cat" is smaller than "dog") string. (Hint: modify `findMin` from lab 6 to make it accept array of (`char *`) and it's size as parameters and to use `strcmp()` and not "<" to compare and return `char *`)
 - c. use `findMin` to determine the "smallest" string in your array.

See images at end of assignment sheet

A note about assignments and reports:

Your presentation in your reports and assignments reflects great deal about you, your understanding of the assignment and on how much this course means to you. I try very hard to look at the substance of the report but I will be lying if I said that presentation does not influence my judgment. It would be wise on your part to assume that this true in every course at school and in real life/work. I expect your reports to be well formed and conform to the following rules:

1. All reports have to be submitted as a **PDF** report that contains:
 - 1.1. Title page with your name, assignment number and the day you are actually submitting this report (Not the assignment due date)
 - 1.2. A comprehensive set of snapshots showing the inputs submitted and outputs obtained in the case of a successful output or a failure.
2. A text file that contains all source code, please concatenate all source code in one text file.
3. Make sure that you include as a comment at the top of your file your name and section:

As an example:

```
/* **** */  
/* John Q. Public    */
```

```
/* CECS 130-11      */  
/* Assignment 35     */  
/*****/
```

Failure to do this will cost you points.

4. Please zip both the PDF document with the source code and submit one zip file.
5. Please do not submit your eclipse or bloodshed project or any IDE project that you may be using. I will be compiling and testing your source code from the text file in part 2 above to test running your applications and to verify that they run.
6. Remember that you must only access BlackBoard using section 130-01Page 169