

## CISC 3321

### Programming Assignment 9 (20 Pts)

Due at 10:00 PM Central (MyCampus)

Topic(s): 1 & 2D Arrays

#### Polling:

With popularity of the Internet and the World Wide Web (www), the possibilities of what you can do are limitless. For instance, you can play games, voice opinion, chat, join a cause and network with your friends and family, just to mention a few. In this project, you will write a simple polling application that allows users to rate five social issues from 1 (least important) to 10 (most important). Feel free to pick any five causes that are important to you (e.g. education, war, global warming, the economy, health care, etc.). Follow the following specifications (specs):

- Use a one-dimensional array of strings named *topics* to store the five causes.
- Use a two-dimensional array of integers named *responses* to summarize the survey responses, where each row corresponds to an element in the topics array.
- When the program executes, it should ask the user to rate each issue. In order to get enough responses, have your friends or family take the survey and then analyze the results. In the analysis, have
  - a. A tabular report with the five topics down the left side and the 10 ratings across the top, listing the number of rating received for each topic in each column
  - b. To the right of each row, show the average rating for that issue
  - c. Which issue received the highest point total (display the issue and the points total)
  - d. Which issue received the lowest point total (display the issue and the point total)

Simple look-and-feel

```
On a scale of 1-10, how important is war?
> 3
On a scale of 1-10, how important is health care?
> 4
On a scale of 1-10, how important is education?
> 5
Enter more data? (1=yes, 0=no): 0

Topic          1  2  3  4  5  6  7  8  9  10  Average
global warming 1  1  1  0  0  0  0  1  0  1    4.8
the economy    0  2  0  1  0  0  1  0  0  1    5.0
war            0  0  2  0  1  0  0  1  1  0    5.6
health care    0  0  0  1  0  3  1  0  0  0    5.8
education      0  0  0  0  1  0  0  2  2  0    7.8

Highest points: education (39)
Lowest points: global warming (24)
```