COSC 2336 50

Programming Fundamentals III

Fall, 2019

Dynamic arrays – Program 4

Using dynamic arrays, write a program that allows the user to enter the last names of five candidates in a local election and the number of votes received by each candidate. You must ask the user for the number of candidates and then create the appropriate arrays to hold the data. The program should then output each candidate’s name, the number of votes received, and the percentage of the total votes received by the candidate. Your program should also output the winner of the election. You will need to enter the data for the arrays. A sample output is:

Candidate Votes Received % of Total Votes

|  |  |  |
| --- | --- | --- |
| Johnson | 5000 | 24.91 |
| Miller | 4000 | 20.73 |
| Duffy | 6000 | 31.09 |
| Robinson | 2500 | 12.95 |
| Ashtony | 1800 | 9.33 |
| Total | 19300 |  |
|  |  |  |
|  |  |  |

The Winner of the Election is Duffy.