

## PHP ARRAYS

### **DIRECTION:**

Please answer the following. Provide the actual screenshot of the output and the actual script in the word document not a PHP file.

1) Analyze the given case below. The results from the mayor's race have been reported by each precinct as follows: (25 points each)

<b>Precinct</b>	<b>Candidate A</b>	<b>Candidate B</b>	<b>Candidate C</b>	<b>Candidate D</b>
1	192	48	206	37
2	147	90	312	21
3	186	12	121	38
4	114	21	408	39
5	267	13	382	29

Write a program to do the following:

a. Write a multi-dimensional array to initialize these values. Display the table with appropriate headings for the rows and columns.

Example output:

<b>Precinct</b>	<b>Candidate A</b>	<b>Candidate B</b>	<b>Candidate C</b>	<b>Candidate D</b>
1	192	48	206	37
2	147	90	312	21
3	186	12	121	38
4	114	21	408	39
5	267	13	382	29

b. Compute and display the total number of votes received by each candidate and the percent of the total votes cast. Percentage= total / grand total \* 100

Example output:

Candidate	Total	Percentage
A	906	34%
B	184	7%
C	1429	53%
D	164	6%

c. If any one candidate received over 50% of the votes, the program should print a message declaring that candidate the winner. From the given table in (b), determine the winner.

Example output:

**Candidate C with the 53% total votes is the winner**

2) Write a program to find out maximum and minimum value of the given set of numbers. Use loop to compare numbers in an array. (25 points)

Initialize values: \$num = array(15, 25, 35, 22, 11, 65, 17, 55, 20, 30);

Expected Output :

Sorted number: 11 15 17 20 22 25 30 35 55 65

Minimum value is: 11

Maximum value is: 65