

IEBC ELECTION RESULT SYSTEM

The results from the presidential race have been reported by each County as follows:

	Candidate	Candidate	Candidate	Candidate
County	A	B	C	D
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

Required:

Write a program to do the following:

- Read the raw vote totals from a data file that contains one row for each County.
- Display the table with appropriate headings for the rows and columns.
- Compute and display the total number of votes received by each candidate and the percent of the total votes cast.
- If any one candidate received over 50% of the votes, the program should print a message declaring that candidate the winner.
- If no candidate received 50% of the votes, the program should print a message declaring a run-off between the two candidates receiving the highest number of votes; the two candidates should be identified by their letter names.

You have been hired to Design suitable software. The software should be usable, correct and complete.

{You must use a minimum of 3 methods in your solution}

Rubric:

Good program design (modular)	(5 marks)
Correct computation	(10 marks)
Validation	(2 marks)
Explanation	(3 marks)
Total	(20 marks)

End