

Grading

Formula:

$g_{total} = 0,25 * \sum p_1 + 0.5 * \sum p_2$, where p_1 and p_2 are points for tasks in corresponding parts

part1

1.1	1	two lists are created with the correct length
	0,5	strange code, wrong lengths (but logic is at least partially correct)
	0	wrong code, no lists
1.2	1	print output with string formatting
	0,5	print output without string formatting
	0	no print output
1.3	1	stats calculated correctly
	0,5	at least one stat is missing or incorrect
	0	no stats
1.4	1	a discussion about sample size, written in markdown
	0,5	thoughts written in a print or somewhere else
	0	no answer
1.5	1	a <code>len == 7</code> or equivalent condition
	0,5	condition is incorrect
	0	no condition
1.6	1	a <code>max() > 7</code> or equivalent condition
	0,5	condition is incorrect
	0	no condition
1.7	1	condition is correct
	0,5	condition is incorrect
	0	no condition
1.8	1	a <code>len() > 7</code> or equivalent condition
	0,5	condition is incorrect
	0	no condition
1.9	1	a <code>len() < 1</code> or equivalent condition
	0,5	condition is incorrect
	0	no condition
1.10	1	the number of soiled ballots counted and the discussion is given
	0,5	no discussion, just a number output
	0	no calculated number
1.11	1	receiving a list with no spoiled ballot papers
	0,5	-
	0	no list received
1.12	1	the ranking list has been converted to <code>names_list</code>
	0,5	the list is misconverted
	0	the list is not converted

1.13	1	A common list of all ballots has been drawn up
	0,5	List composed incorrectly (check length)
	0	no list, no calculations
1.14	1	the parties' dictionary counts the number of times they are mentioned
	0,5	incorrect dictionary or discrepancies with the correct numbers
	0	no calculations
1.15	1	the dictionary counts the fractions and comes up with five parties.
	0,5	no print output, object only
	0	wrong parties
1.16	1	parties that failed to pass the threshold are printed with formatting
	0,5	no print output, object only
	0	no output or wrong parties
bonus1	4	8-11 and 14-15 solved correctly via comprehensions (2p per task)
	2	there have been attempts to solve it via compression (1p per attempt)

part2

ftp 0.5p. per following points: created list of firsts choices, vote counting, dictionary sorting, print with formatting and correct answer (2.5p. total)

borda 0.5p. per following points: dictionary created, borda votes counted (1p.), dictionary sorted, print with formatting, correct answer (3p. total)

Condorcet 1p. per following points: sets of pair combinations, calculation of the pairwise dominant party, display of the winner in a pair, output of the Smith set (0.5 points) (3.5p. total)

bonus2 total: 1 point
 Variant 1: there is an adequate mini essay on the differences in counting systems with references
 Variant 2: there's a condorset winner's DAG with Smith's set

Note

- In general, it is recommended that answers be evaluated loyally (giving at least some marks for an intelligible attempt).
- The grading guide is approximate to create boundaries of task's correctness. TA can set his own points with the explanation in the feedback graph (e.g. 0.9 because there are unnecessary technical characters in output with string formatting).
- Maximum grade without bonus tasks is 8.5 to prevent grades inflation.