There is an ongoing chess tournament with 10 participants. The scoring rules are as follows -

Win - 1 point

Draw - 0.5 points

Loss - 0 point

Each player will play against all other 9 players once and the player with highest points at the end of all games will be the winner.

In case of tie breaks winner is decided using the following rules (applied in the given order) -

1. Sum the running score for each round (cumulative score). For example, if a player has (in order) a win, loss, win, draw, and a loss; his round-by-round score will be 1, 1, 2, 2½, 2½. The sum of these numbers is 9. At any stage in the tournament, the player with higher cumulative score finishes higher on tie-break.
2. In case of a tie in the cumulative scores at a given stage, if the tied players played each other, then he finishes higher on tie-break.
3. In case scores are still tied, the player that had black pieces most times finishes highest on tie-breaks.
4. In case scores are still tied, the player that had more wins with black pieces finishes highest on tie-breaks.
5. In case players are still tied, all players with the same score are considered equal.

Assume that all games are played.

Design & develop a system which takes results of each round as input and outputs the standings in a tabular form based on the rules above. Standing should be from highest points to the lowest points.

The software should be able to handle any number of players in a tournament with same scoring rules.