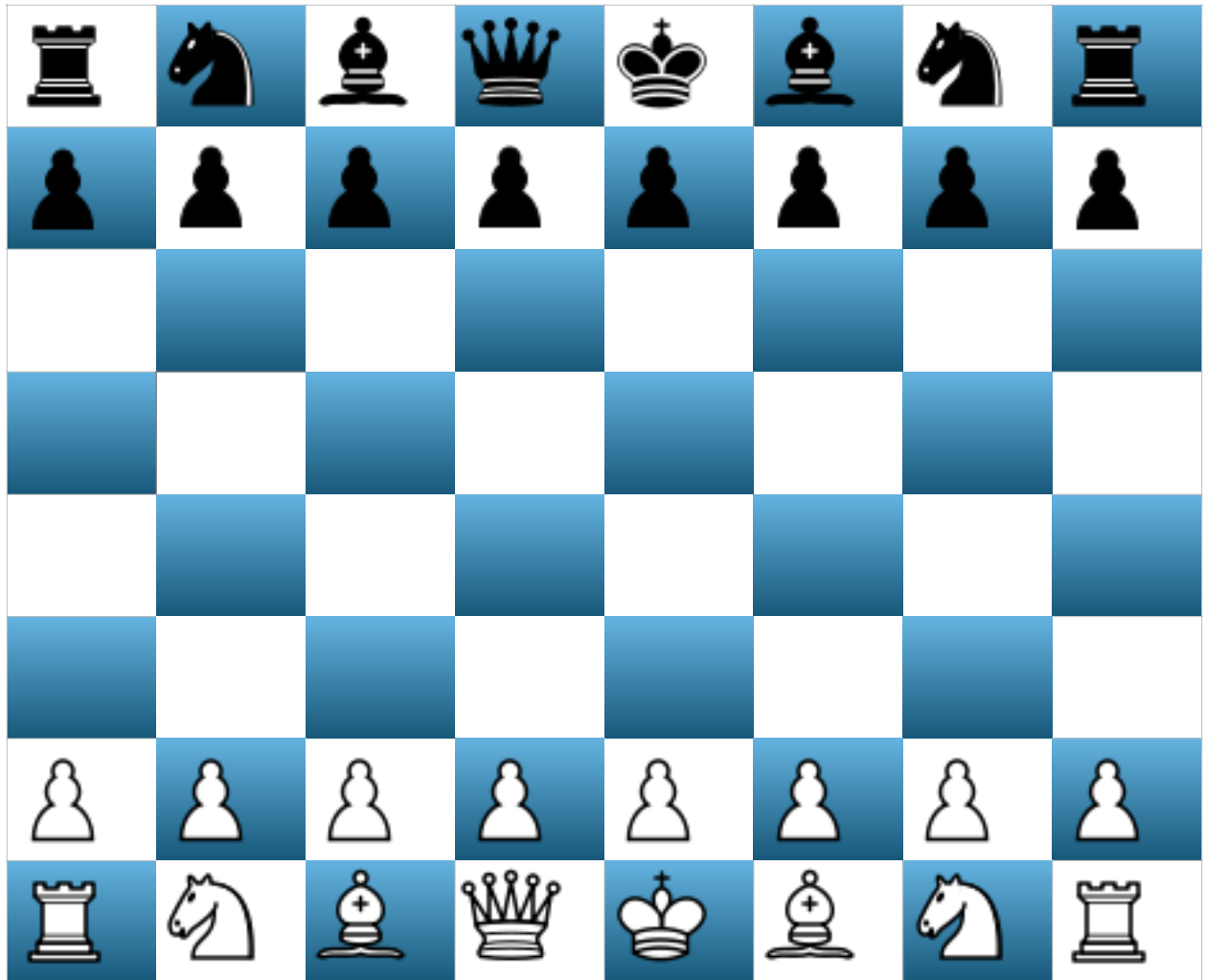The basic approach to this problem is based on analyzing the current state of the chess board. Based on our observations, we find that 1 piece of White Knight, 1 piece of Black Knight and a pawn have been captured. We also know that 4 plies of moves have already taken place.

On minute observation, we find that no other piece of White has been moved from this position. This implies the following: either the piece of White Knight was captured at the 4th move by Black piece and only White Knight made all moves till then. Or, one of the White Knight was captured by some Black piece and other White Knight made a forward and a backward movement to reach back to its original position. However, since two pieces of Black have also been captured, the second scenario is least likely to happen. Thus, we assume that it was first case that actually occurred.
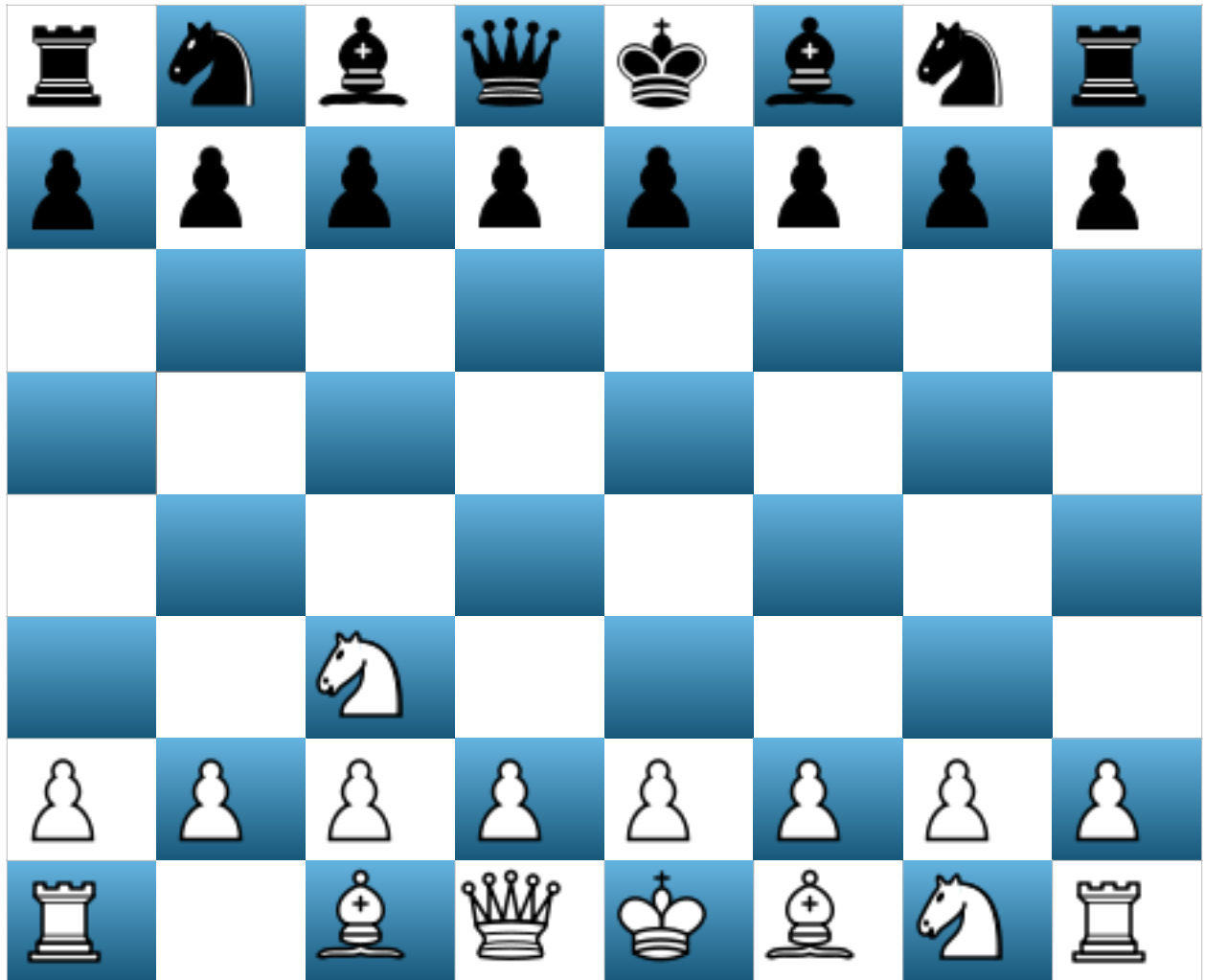
Based on our assumption, the White Knight was captured on 4th move go Black piece. Now on examining on the black pieces we find that, a pawn and a Knight has been captured, and another pawn has made 1 move. On minute thinking we find that the White Knight could reach only some white boxes on its 4th move, this is based on fact that a Knight always reaches a other color box after its each move. Thus, since the White Knight started at White Box, it will be on some white position after 4th move.

As, we know that it was killed on 4th move by black, it means that some black piece at white position took the move. Since all pawns at white position have made no move, it has to be either of the Rook, Bishop, King or Knight that captured the White Knight. This way we could trace back the position of White Knight to its initial state, such that it does not takes more than 4 moves. On each path we try to satisfy, the condition of the black pieces so that current state could be reached. On examining each path, we could trace flow of the game.
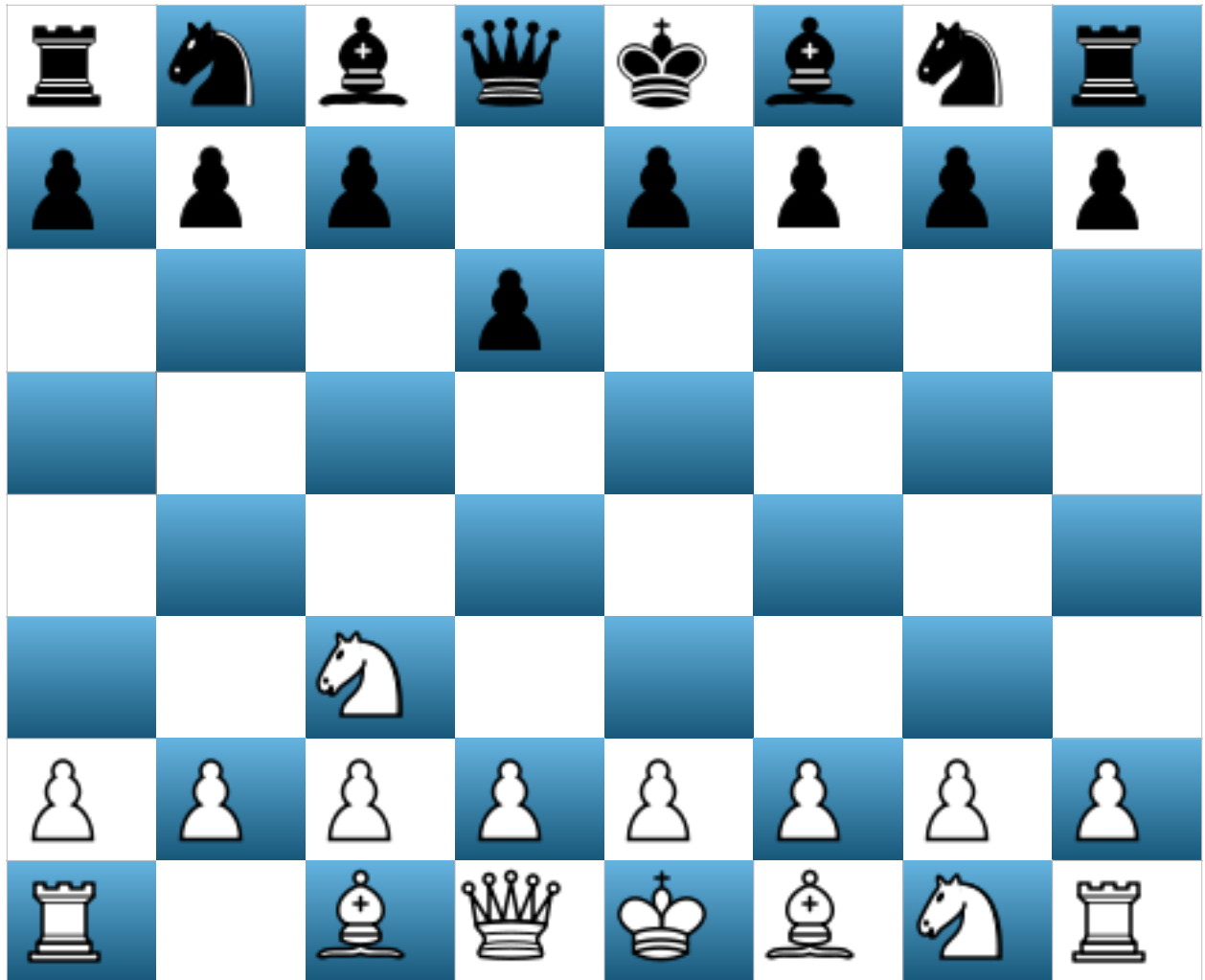The flow of the game has been explained below.

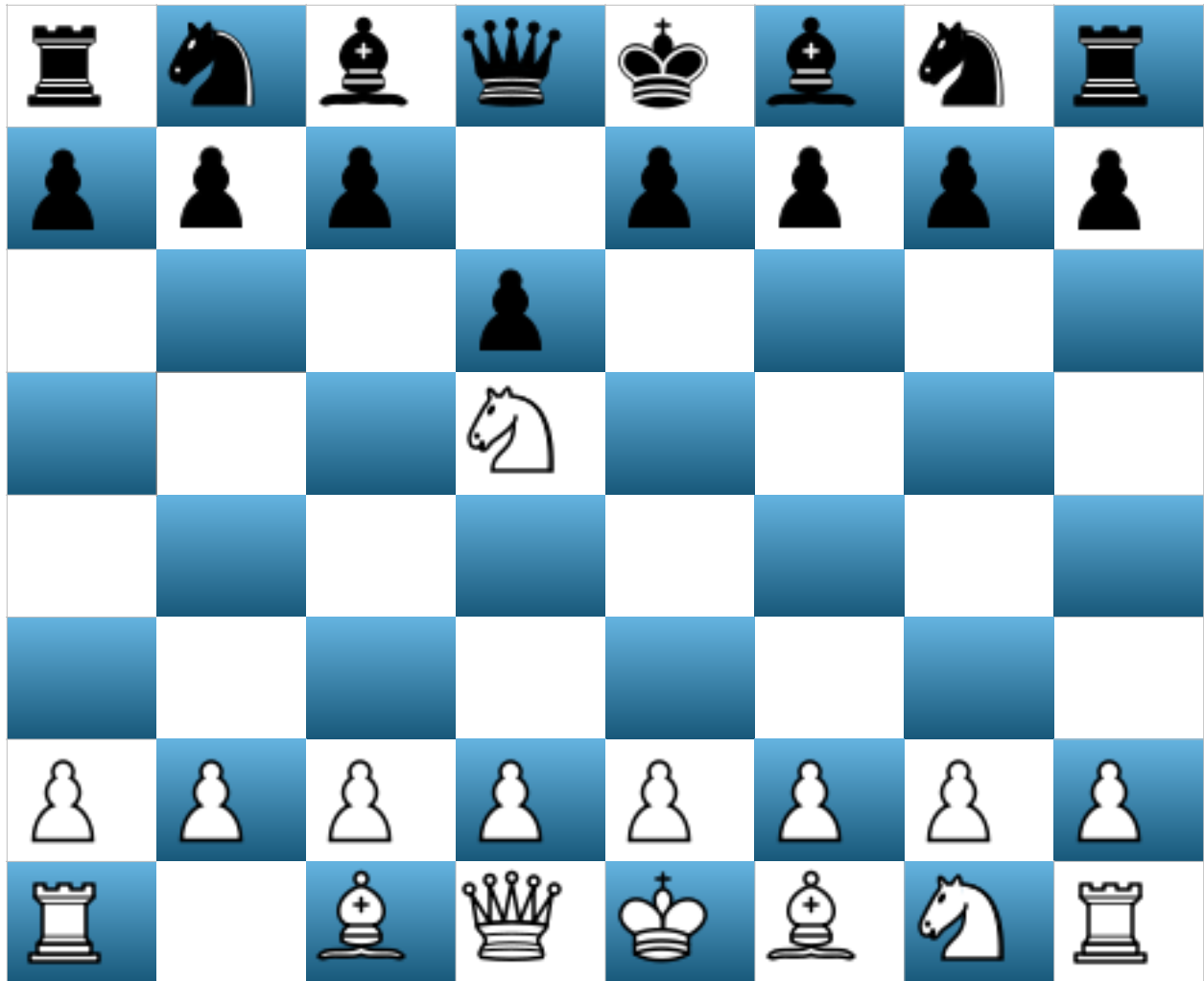| Moves	♔	♚
1	b1.c3	d7.d6
2	c3.d5	b8.d7
3	d5.e7	d7.f6
4	e7.g8	f6.g8

The above state represents initial state of a Chess board. In a chess game, White always makes the first move.
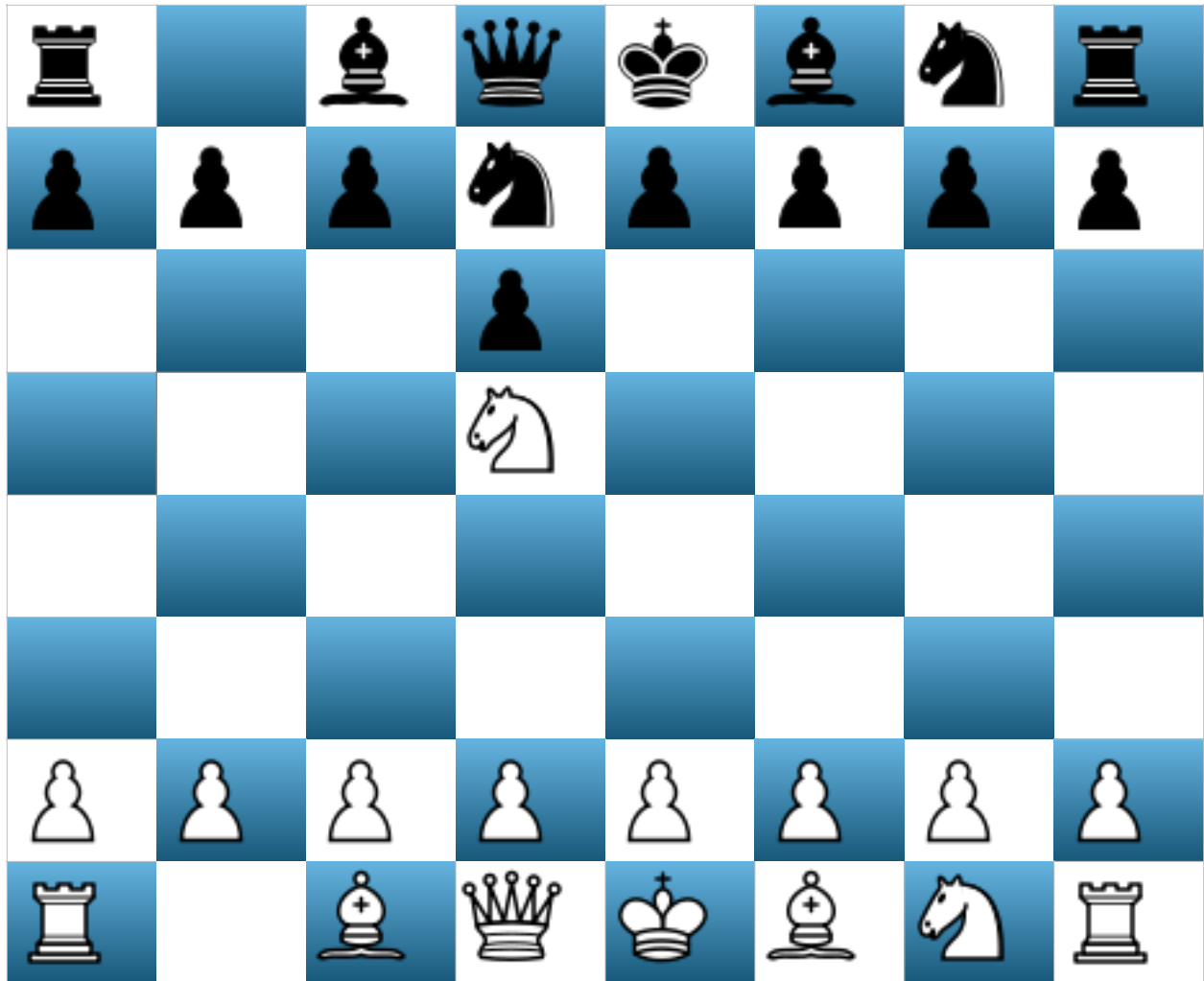
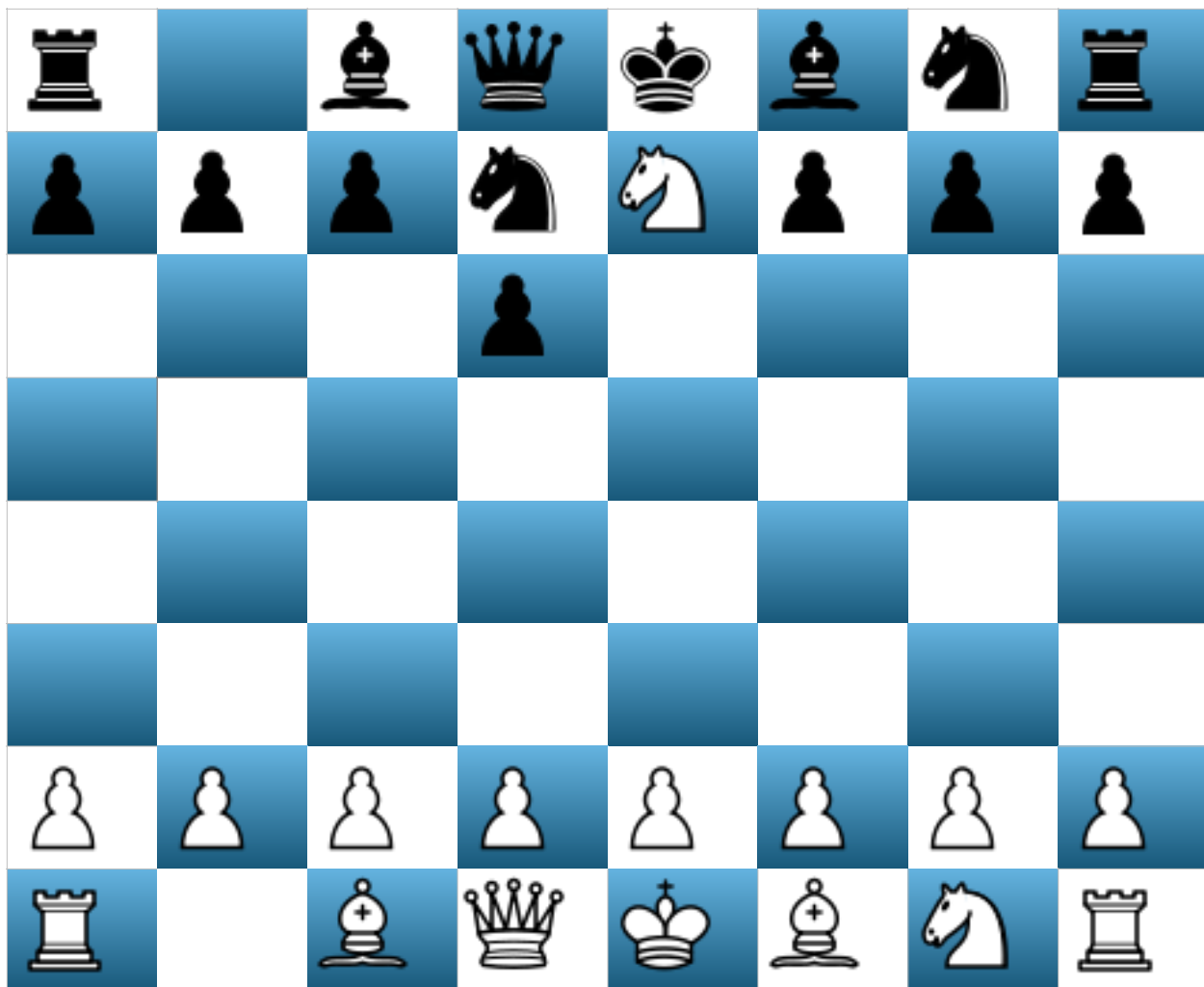White Knight makes first move from b1 to c3 position.

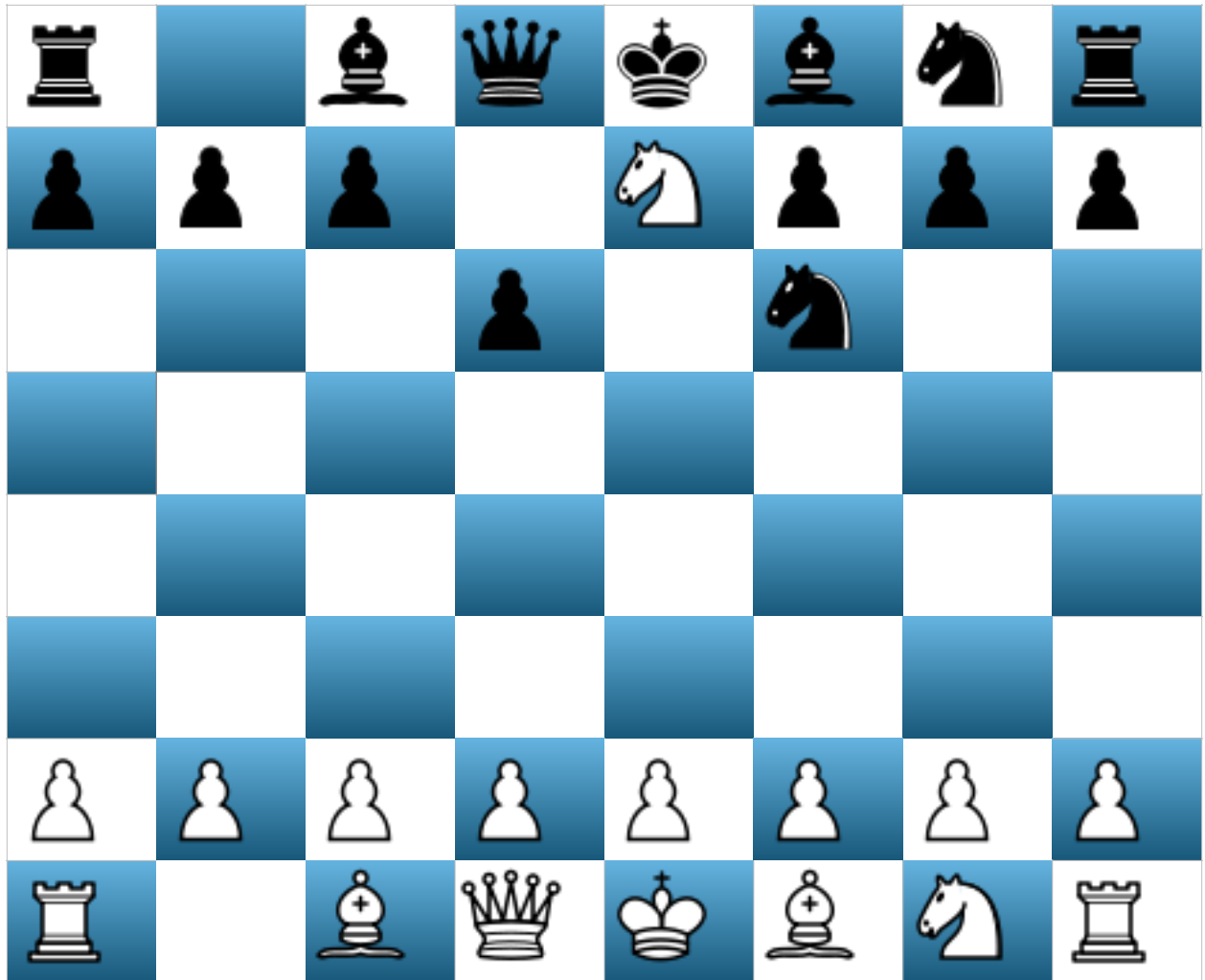Black pawn makes first move from d7 to d6 position.

White Knight makes second move from c3 to d5 position.
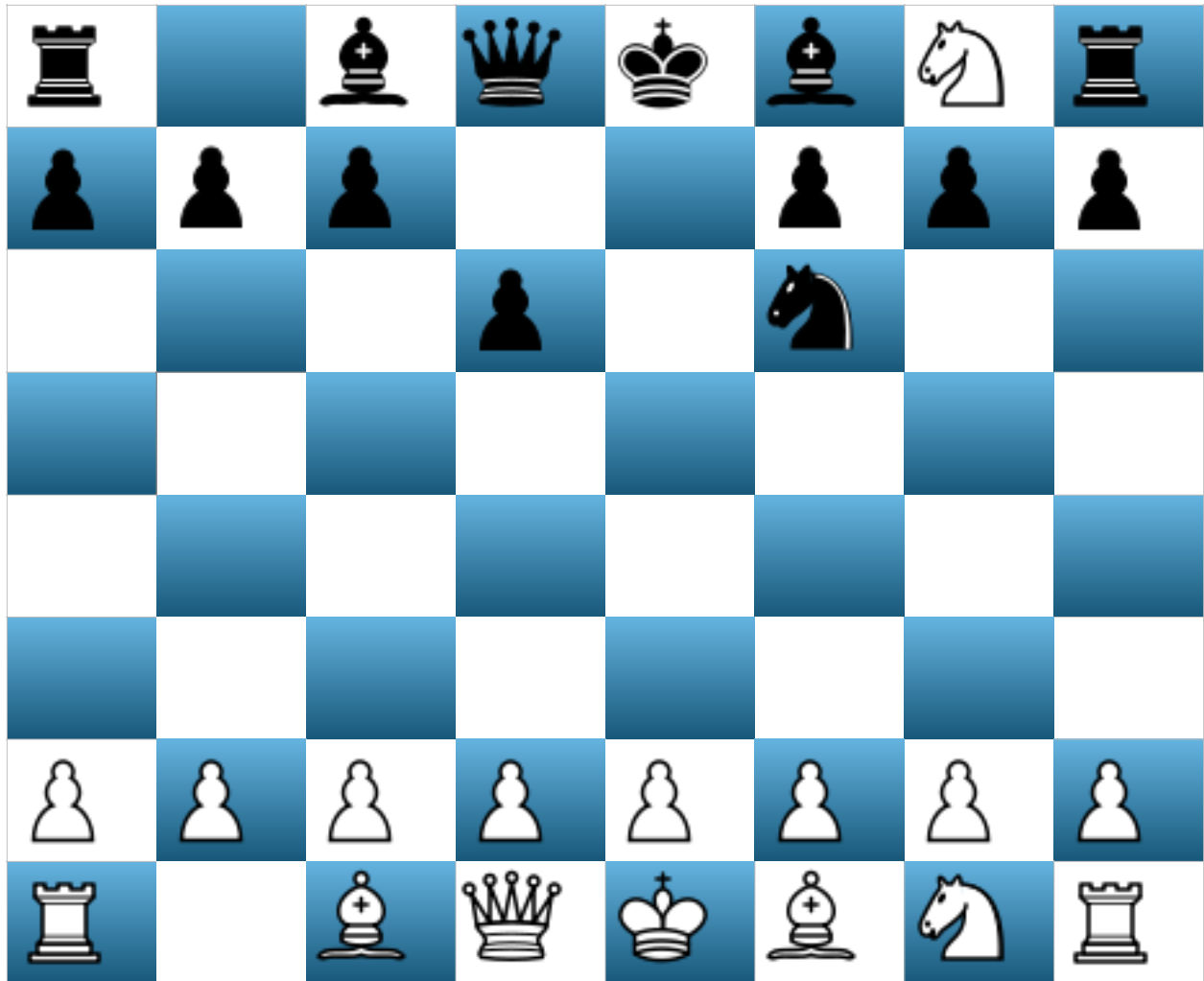
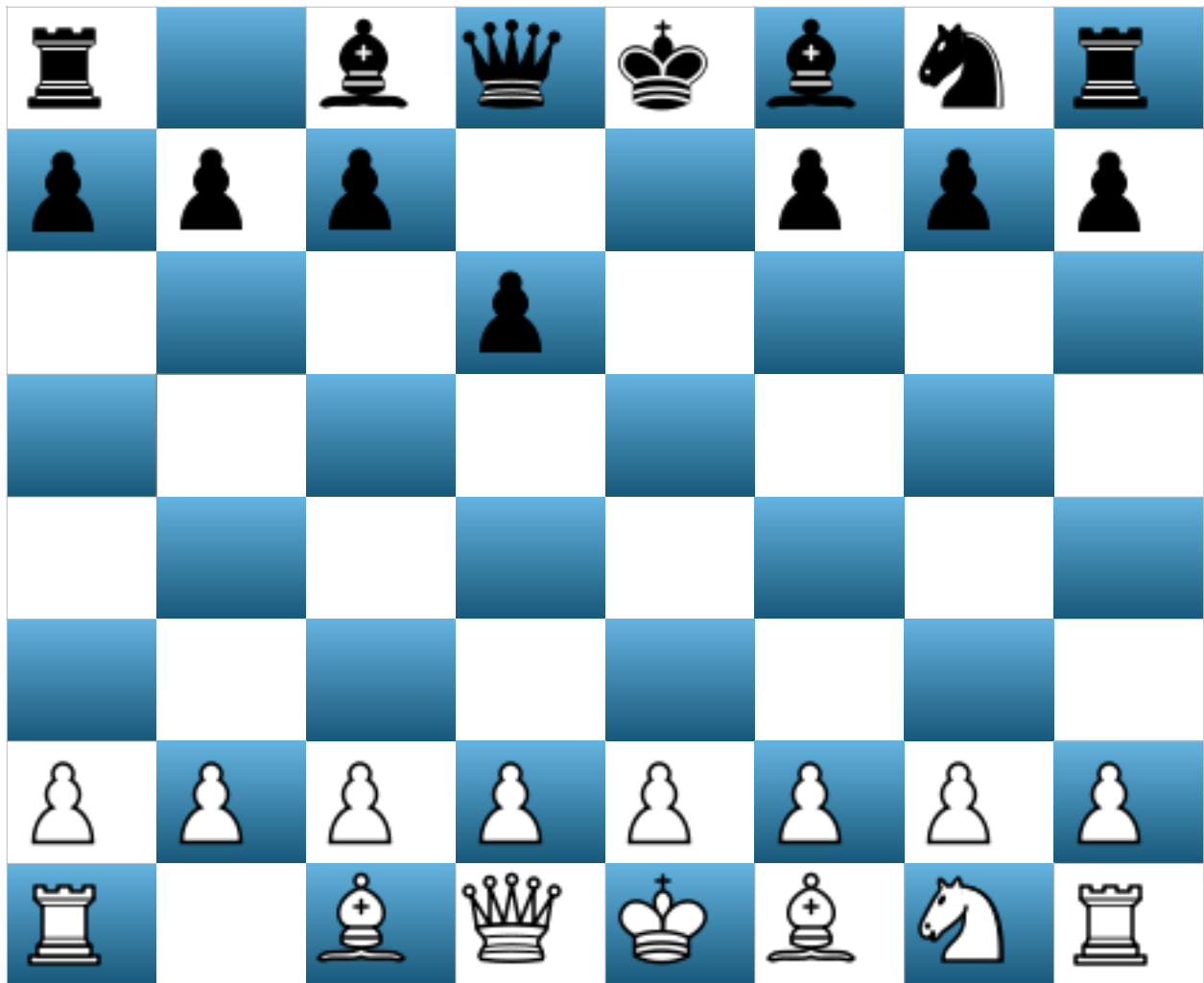Black Knight makes second move from b8 to d7 position.

White Knight make a move from d5 to e7 and takes the piece of black pawn at that position.

Black Knight makes a move from d7 to f8 position.

White Knight makes a move from e7 to g8 position, taking piece of Black Knight at g8.

Black Knight moves from position f6 to g8, taking the piece of White Knight at that position.