

```
1 package engine.pieces;
2
3 import chess.PieceType;
4 import chess.PlayerColor;
5 import engine.movements.Movements;
6 import engine.movements.Step;
7 import engine.utils.Coordinates;
8
9 public class Pawn extends Piece {
10
11     public Pawn(PlayerColor color) {
12         super(PieceType.PAWN, color, new Movements(new Step[] {
13             //Vertical
14             new Step(new Coordinates(0, 1), 2, color == PlayerColor.BLACK
15                 , color == PlayerColor.BLACK),
16             // "En passant" or attack
17             new Step(new Coordinates(1, 1), 1, color == PlayerColor.BLACK
18                 , color == PlayerColor.BLACK),
19             new Step(new Coordinates(-1, 1), 1,
20                 color == PlayerColor.BLACK, color == PlayerColor.BLACK),
21         }));
22         this.firstMovement = true;
23     }
24
25     public void cleanFirstMovement() {
26         super.setMovements(new Movements(new Step[] {
27             //Vertical
28             new Step(new Coordinates(0, 1), 1,
29                 super.getColor() == PlayerColor.BLACK,
30                 super.getColor() == PlayerColor.BLACK),
31             // "En passant" or attack
32             new Step(new Coordinates(1, 1), 1,
33                 super.getColor() == PlayerColor.BLACK,
34                 super.getColor() == PlayerColor.BLACK),
35             new Step(new Coordinates(-1, 1), 1,
```

File - D:\Projects\Labo_08_Jeu_d_echechs\src\engine\pieces\Pawn.java

```
36         super.getColor() == PlayerColor.BLACK,
37         super.getColor() == PlayerColor.BLACK) ,
38     }));
39     this.firstMovement = false;
40 }
41 }
```