

Demo Plan for Chess Game

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Setup Mode

```
lemonface0309@DESKTOP-OI63IRU:~/school/cs246/chess/src$ ./chess
setup
+ K e1
8  _ _ _ _
7  _ _ _ _
6  _ _ _ _
5  _ _ _ _
4  _ _ _ _
3  _ _ _ _
2  _ _ _ _
1  _ _ K _

    abcdefgh
```

```
      = black
+ K e8
8  _ _ k _
7  _ _ _ _
6  _ _ _ _
5  _ _ _ _
4  _ _ _ _
3  _ _ _ _
2  _ _ _ _
1  _ _ K _

    abcdefgh
```

Starting a Game

Check

Three conditions to stop check

I. Move King

A. The king cannot be moved into a position where it would still be in check

II. Block the Check

III. Capture the checking piece

Checkmate + Game Ends

Handling Edge Cases

Pseudo Moves

Castle

En Passant

Promotions

Blocks and Skewers

Showcase invalid moves because of blocks or skewers