

Fancy Enum Types

- Enums are classes. You can define all the extra fields, methods, and constructors you want.
- Constructors are used only in creating enumeration constants. The constructor arguments follow the constant name:

```
enum Piece {  
    BLACK_PIECE (BLACK, false, "b"), BLACK_KING (BLACK, true, "B"),  
    WHITE_PIECE (WHITE, false, "w"), WHITE_KING (WHITE, true, "W"),  
    EMPTY (null, false, " ");  
  
    private final Side color;  
    private final boolean isKing;  
    private final String textName;  
  
    Piece (Side color, boolean isKing, String textName) {  
        this.color = color; this.isKing = isKing; this.textName = textName;  
    }  
  
    Side color () { return color; }  
    boolean isKing () { return isKing; }  
    String textName () { return textName; }  
}
```