

```
1 package engine.utils;
2
3 public enum BoardDimensions {
4     WIDTH(8),    // Width dimension of the board
5     HEIGHT(8),   // Height dimension of the board
6     DIAGONAL(8); // Diagonal dimension of the board
7
8     private final int value;
9
10    /**
11     * Constructor to initialize a BoardDimensions enum value with a specific integer value.
12     *
13     * @param value the integer value associated with the enum dimension
14     */
15    BoardDimensions(int value) {
16        this.value = value;
17    }
18
19    /**
20     * Get the integer value associated with the enum dimension.
21     *
22     * @return the integer value
23     */
24    public int getValue() {
25        return this.value;
26    }
27 }
28
```