Color API

The Color class represents a red-green-blue color that can be displayed on the screen.

Constructors

- `Color(int r, int g, int b)`
    - Creates a new RGB color with the specified values. Each value should be between 0 and 255, inclusive.

Instance Methods

- `int getRed()`
    - Returns the red component of this color (0-255).

- `int getGreen()`
    - Returns the green component of this color (0-255).

- `int getBlue()`
    - Returns the blue component of this color (0-255).

- `Color brighter()`
    - Returns a color of the same hue that is brighter than this color.

- `Color darker()`
    - Returns a color of the same hue that is darker than this color.

- `String toString()`
    - Returns a string representation of this color.

- `boolean equals(Color otherColor)`
    - Returns true if this color is the same color as `otherColor`.

Some built-in colors:

`Color.BLACK, Color.BLUE, Color.CYAN, Color.DARK_GRAY, Color.GRAY, Color.GREEN, Color.LIGHT_GRAY, Color.MAGENTA, Color.ORANGE, Color.PINK, Color.RED, Color.WHITE, Color.YELLOW`

These are some built-in color constants in Java that can be used in place of a user-created Color object.