

```
class PencilA {
    private String defaultColor = "black";
    private String color; /*one of "black", "red", or "blue"*/
    private int length;

    private boolean isValid (String colorToCheck) {
        return (colorToCheck.equals("black") ||
                colorToCheck.equals("red") ||
                colorToCheck.equals("blue") );
    }

    public PencilA (String c, int l) {
        if (isValid(c)) {
            color = c;
        }
        else {
            color = defaultColor;
        }
        length = l;
    }

    public String toString () {
        return (length + ": " + color);
    }

    public void setColor (String newColor) {
        if (isValid(newColor)) {
            color = newColor;
        }
    }
}
```