

```
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;
        }
    }
}
```