

1-) Implement the Factory pattern and create two types of light bulbs, regular bulbs and energy saver bulbs.

- Regular bulbs have a range of lumens between 50 and 100 and last for 1 year.
- Energy saver bulbs have a range of lumens between 5 and 40 and last for 10 years and come in multiple colors.

2-) Implement the Decorator pattern to add a logger to any object (add behavior). A logger method will log a message to the console.

3-) Implement the Strategy pattern to choose between different logging algorithms, choosing between:

- `console.info()`
- `console.warn()`
- `console.error()`

<https://classroom.github.com/a/fQZ2CxRz>