

```
if ($this->active === false) {
    return;
}
if (!$this->isValidColor($color)) {
    echo 'Ik heb geen licht met de kleur: ' . $color . "\n";
    return;
}

$this->lights[$color] = 0;
```

```
private $lights;
private $code;
private $active;
```

```
foreach ($this->lights as $color => $status) {
    $this->lights[$color] = 0;
}
```

```
return $this->code;
```

```
$validColors = ['red', 'orange', 'green'];
if (in_array($color, $validColors)) {
    return true;
} else {
    return false;
}
```

```
if (!$this->isValidColor($color)) {
    echo 'Ik heb geen licht met de kleur: ' . $color . "\n";
    return;
}
$this->switchAllLightsOff();
$this->lights[$color] = 1;
```

```
echo 'Status van Stoplicht ' . $this->code . ":\n";

if ($this->active === true) {
    foreach ($this->lights as $color => $status) {
        echo $color . ' --> ' . $status . "\n";
    }
} else {
    echo 'Stoplicht inactief: oranje knippert' . "\n";
}
```

```
$this->code = $code;
$this->active = true;
$this->lights = [
    'red' => 1,
    'orange' => 0,
    'green' => 0,
];
```

```
$this->active = false;
$this->switchAllLightsOff();
```

```
$this->active = true;
$this->switchOn('red');
```