```php
class TrafficLight
{




    public function __construct($code)
    {








    }


    public function switchOn($color)
    {






    }


    public function switchOff($color)
    {







    }
```

```php
    public function deactivateTrafficLight()
    {



    }



    public function activateTrafficLight()
    {



    }



    public function getCode()
    {




    }

    public function showLightStatus()
    {





    }
```

```php
    private function isValidColor($color)
    {



    }



    private function switchAllLightsOff()
    {




    }
}
```