

- Problem

Provide and explain two examples where you would utilize immutable classes?

- Solution

We can use immutable classes when a class shouldn't be changed under no circumstances, and there are many situations where they can be used (especially where an opportunity to change something in class provides the opportunity to create an important error or to benefit something, whether it be cheating in computer game or receipt of real money), like:

- Important parts of engines
- Some elements of different payment or guarding systems

Also, we can show an example how to create an immutable class in PHP:

```
class Name { // Announce the class
    private $val; // Announce the variable
    public function __construct() {
        // Standard value
        $this->val = "qwerty";
    }
    public function __set($key, $val) {
        // Do nothing when you try to change smth.
        return;
    }
    public function __get($key) {
        // Check if the attribute exists in this class
        if (property_exists($this, $key)) {
            // Then return it
            return $this->{$key};
        } else {
            return null;
        }
    }
}
```