

```
class Box<E> {
    private E value;
    private boolean empty;

    public Box() {
        this.empty = true;
    }

    public Box(E value) {
        this.empty = false;
        this.value = value;
    }

    public E remove() {
        empty = true;
        return value;
    }

    public void insert(E value) {
        if (empty) {
            empty = false;
            this.value = value;
        }
    }
}
```