

## 課題 8-3 のプログラム例

//車を表すクラス

```
class Car2 {
    private int num;
    private double gas;
    public Car2() {
        num = 0; gas = 0.0;
    }
    public void setNum(int n) {
        //n が 1～9999 の範囲かどうか調べる
        if(n >= 1 && n <= 9999) {
            num = n;
        } else {
            System.out.println("Out of range.");
        }
    }
    public int getNum() {
        return num;
    }
    public void setGas(double g) {
        if(g > 0 && g < 1000 ) {
            gas = g;
        } else {
            System.out.println("Out of range.");
        }
    }
    public double getGas() {
        return gas;
    }
    public void show() {
        System.out.println("(num)" + num + " (gas)" + gas);
    }
}
```

//setNum の動作を確認するクラス

```
class Pd8car2 {
    public static void main(String[] args) {
        Car2 c1 = new Car2();
        c1.setNum(1234);
        c1.show();
        c1.setNum(77777);
        c1.setNum(-1111);
        c1.show();
        c1.setNum(9999);
        c1.show();
    }
}
```