

```
public class Trap {
    private Cell currentCell;
    private int timeRemain;
    private boolean active;

    public Trap(Grid g, Cell cell) {
        currentCell = cell;
        active = true;
        timeRemain = 10;
    }

    public int getTime() {
        return timeRemain;
    }

    public boolean getState() {
        return active;
    }

    public void decTime() {
        timeRemain -= 1;
    }

    public void deactivate() {
        active = false;
    }

    public void setCell(Cell c) {
        currentCell = c;
    }

    public Cell getCell() {
        return currentCell;
    }
}
```