

1. What design principles does this code violate?
2. Refactor the code to improve its design.

```
public void getTimes(Properties props) throws Exception {
    String valueString;
    int value;

    valueString = props.getProperty("interval");
    if (valueString == null) {
        throw new MissingPropertiesException("monitor interval");
    }
    value = Integer.parseInt(valueString);

    if (value <= 0) {
        throw new MissingPropertiesException("monitor interval > 0");
    }
    checkInterval = value;

    valueString = props.getProperty("duration");
    if (valueString == null) {
        throw new MissingPropertiesException("duration");
    }

    value = Integer.parseInt(valueString);
    if (value <= 0) {
        throw new MissingPropertiesException("duration > 0");
    }
    if ((value % checkInterval) != 0) {
        throw new MissingPropertiesException("duration % checkInterval");
    }
    monitorTime = value;

    valueString = props.getProperty("departure");
    if (valueString == null) {
        throw new MissingPropertiesException("departure offset");
    }
    value = Integer.parseInt(valueString);
    if (value <= 0) {
        throw new MissingPropertiesException("departure > 0");
    }
    if ((value % checkInterval) != 0) {
```

```
        throw new MissingPropertiesException("departure % checkInterval");  
    }  
    departureOffset = value;  
}
```