

EECS 3311 Fall 2018

Wednesday Sep. 5

```
class Microwave {
    private boolean on;
    private boolean locked;
    void power() {on = true;}
    void lock() {locked = true;}
    void heat(Object stuff) {
        /* Assume: on && locked */
        /* stuff not explosive. */
    }
}
```

```
class MicrowaveUser {
    public static void main(...) {
        Microwave m = new Microwave();
        Object obj = [???] → lunch box
        m.power(); m.lock();
        m.heat(obj);
    }
}
```

before state

after state

supplier

client (consumer of call).

divide (x , y)

precond: service condition $y \neq 0$

Java
exception : Error condition

```
Account ( _____, int bal) {  
    if (bal <= 0) { prüfen ("Error");  
    }  
}
```

```
Account acc = new Account ( _____, -100);  
→ prüfen ("Success");
```

Error
Success