

Scheduler Semantics (csci201 - Wilczynski)

Question: The Cook Agent Scheduler design has a specification as follows:

```
if there exists o in orders such that blah1 then call action1(o);  
else if there exists o in orders such that blah2 then call action2(o);
```

Many students try to implement this in code as follows:

```
for (o:orders) {  
    if blah1 then (action1(o); return T);  
    if blah2 then (action2(o); return T);  
}  
return F;
```

This is an INCORRECT implementation of the semantics of the design.

Can you figure out why?

[We'll discuss this in the next class. Please try to figure it out on your own before class.]