**Start**

**No**

**Get in Line**

**Buy Lunch**

**Eat Lunch**

**Return Tray**

**Leave**

**Buy Coke**

**False**

**If (iThirsty)**

**Are you**

**Hungry?**

**If Yes**

**Wait 1 to**

**4 hours**

**(iSoda)**

**True**

**True**

**Else**

**Get H20**

**Are you thirsty?**

**Boolean iThirsty**

**Thirsty for a Coke?**

**Boolean iSoda**

**Did you eat breakfast?**

**Boolean iAteFruityPebbles**

**If (iAteFruityPebbles)**

**True**

**Buy DIET Coke**

**False**