

Elif Cemre Durgut – 26493 – CS 404 Homework 1 – Question 5

```
bool isAClean = False;
bool isBClean = False;
action AgentProgram([location, status])
{
    if(status == Dirty)
        return Suck;
    else{
        if(location == A){
            isAClean = True;
            if(!isBClean)
                return Right;
        }
        else{
            isBClean = True;
            if(!isAClean)
                return Left;
        }
    }
    return NoOp;
}
do{
    percept = GetPercept();
    action = AgentProgram(percept);
    ApplyAction(action);
}while(action != NoOp);
```