Al Lab 2: Vacuum World

```
Agent function table
status b='Clean', status c='Clean', status d='Clean'):
```

```
elif self.location == 'D':
self.status.values())
# Table-driven agent function
def table driven agent(percept):
# Main simulation loop
if name == " main ":
").strip().capitalize()
").strip().capitalize()
").strip().capitalize()
").strip().capitalize()
status c=status c, status d=status d)
```

Output:

```
Is room A 'Clean' or 'Dirty'? Dirty
Is room B 'Clean' or 'Dirty'? Dirty
Percept: Dirty, Action: Suck
Location: A, Status: {'A': 'Clean', 'B': 'Dirty'}

Percept: Clean, Action: MoveRight
Location: B, Status: {'A': 'Clean', 'B': 'Dirty'}

Percept: Dirty, Action: Suck
Location: B, Status: {'A': 'Clean', 'B': 'Clean'}
```