```
def vacuum_world(state):
    location, left, right = state
    print(f"Initial State: {state}")
    if location == "A":
        if left == "Dirty":
            left = "Clean"
            print("cleaned A")
        location = "B"
    if location == "B":
        if right == "Dirty":
            right = "Clean"
            print("cleaned B")
    print(f"Final State: (location:{location}, Left:{left}, Right:{right})")

vacuum_world(("A", "Dirty", "Dirty"))
```

Output

Status : Successfully executed

Time:	Memory:
0.0100 secs	9.688 Mb

Your Output

```
Solution Path (ML, CL, BoatSide):
(3, 3, 1)
(3, 1, 0)
(3, 2, 1)
(3, 0, 0)
(3, 1, 1)
(1, 1, 0)
(2, 2, 1)
(0, 2, 0)
```