

## OUTPUT:

```
=== Mars Habitat Builder Bot Simulation ===
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```
--- (a) Part Delivery and Bot Stack ---
```

```
Construction Order (LIFO):
```

- Vent
- Airlock
- Window
- Door
- Roof
- Wall

```
--- (b) Habitat Storage System ---
```

```
Current Habitats in Colony (Oldest overwritten if full):
```

- Hab3
- Hab4
- Hab5
- Hab6
- Hab7

## OUTPUT:

--- (c) Damaged and Repaired Tracker ---

Damaged Habitats Added: Hab3, Hab6

Repairing Hab3...

Repaired Habitats (Forward):

- Hab3

Inspection Traversal (Backward):

- Hab3

--- (d) Priority Upgrade System ---

Habitats Needing Upgrade: Hab1, Hab4

Upgrade Cycle:

- Hab1
- Hab4
- Hab1
- Hab4