

```
Moving UP. Now on floor 0
Moving UP. Now on floor 1
Moving UP. Now on floor 2
Moving UP. Now on floor 3
Moving UP. Now on floor 4
Door opened
Door will close shortly...
Door closed
Arrived at floor 5
Emergency stop activated.
Emergency stop activated. Lift is halted.
Emergency stop deactivated.
Overload detected. Lift is halted until excess weight is removed.
Lift is overloaded. Cannot move until excess weight is removed.
Excess weight removed. Lift is now operational.
Communicating with emergency services...
Emergency services notified.

=== Code Execution Successful ===
```