	Page
	Algorithm: (For single cell room)
1.	Clean-room (room-name, isdirty)
	It will check if the room is dirry : if so
	it updates the status to 0 (cleaned, diring=1).
	-> 9f it is already clear, the status is retained
2	Main function.
	Input room status of both room.
	pass room! first followed by room 2 to
	clean.
	once both the rooms are clean, call the
The second secon	clean-room function to check if it is dirty again.
- III	) If it is clean return to room exit the process
	Jan W Chean to loom the first
1	Code'
eterologies de la constitución d	Codi:
+	dot aloop arom (xan
	def clean-room (room-name, is-dirty):
152	if is dirty:
	print (f" Chaning froom name) (Room was durry)")
+	5
+	print (f "from name? is now clean")
	return object?
+	else:
-	print (f" groom nomes is already clean")
-	retuen 0
	1 1 41 P W 1 3 F
	def main():
-	700ms = ["Room 1", "Room 2")
	row_status = [] a la l
	for room in rooms:
	Status = int (input (f "Enter clean Status
	for Expons (1 for dirty.
	room-status.append ((room, status))
1	2

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	Page
	Status = int (input (f"Enter clean status
	for Room"))
	flour[i][j] = status
	too i in range (some)
1	for i in range (rows):
	for j in range (cols); ctean-room (floor, 1, j)
N T	coan-room (allow, 1)
4	All All and the state of the st
+	# Check if the initial room is dirty again
	clean_room (floor, b, 0)
1	
1 0	very terminal to the state of t
	alk of the land of
4 - 1	savida Mila Italia min' ton' I 'on 115 .
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Enter clean status for Room 1 (1 for dirty, 0 for clean): 1 Enter clean status for Room 2 (1 for dirty, 0 for clean): 0 Cleaning Room 1 (Room was dirty)

Room 1 is now clean.

Room 2 is already clean.

Returning to Room 1 to check if it has become dirty again:

Room 1 is already clean.

Room 1 is clean after checking.

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Enter clean status for Room at (1, 1) (1 for dirty, 0 for clean): 1
Enter clean status for Room at (1, 2) (1 for dirty, 0 for clean): 1
Enter clean status for Room at (2, 1) (1 for dirty, 0 for clean): 0
Enter clean status for Room at (2, 2) (1 for dirty, 0 for clean): 1
Cleaning Room at (1, 1) (Room was dirty)
Room is now clean.
Cleaning Room at (1, 2) (Room was dirty)
Room is now clean.
Room at (2, 1) is already clean.
Cleaning Room at (2, 2) (Room was dirty)
Room is now clean.
Returning to Room at (1, 1) to check if it has become dirty again:
Room at (1, 1) is already clean.