

hasDuplicates

Question:

Write a function `hasDuplicates(L)` that takes a 2D list `L` of arbitrary values and returns `True` if `L` contains any duplicate values (that is, if any two values in `L` are equal to each other), and `False` otherwise.

Definition:

- A list is considered to have duplicates if any value appears more than once in the list, regardless of its position.

Input Format:

A 2D list `L` of arbitrary values.

Output Format:

The function should return `True` if `L` contains any duplicate values, and `False` otherwise.

Example:

Input:

```
[[1, 2, 3], [4, 5, 6], [7, 8, 1]]
```

Output:

```
True
```

Input:

```
[['a', 'b', 'c'], ['d', 'e', 'f'], ['g', 'h', 'i']]
```

Output:

```
False
```

Explanation: For the first input, the function returns `True` because the value `1` appears twice in the 2D list. For the second input, the function returns `False` because there are no duplicate values in the 2D list.

Hints:

- You can use a set to keep track of the values you have seen so far. If you encounter a value that is already in the set, then it is a duplicate.