

```
def unique_iterator(iterable):  
    seen = set()  
    for item in iterable:  
        if item not in seen:  
            seen.add(item)  
            yield item
```

```
duplicate_list = [1, 2, 3, 2, 4, 1, 5, 6, 5, 7, 8, 9, 9]

for unique_item in unique_iterator(duplicate_list):
    print(unique_item)
```