

1.

Name	Stmts	Miss	Cover
-----	-----	-----	-----
app.py	121	11	91%
test_app.py	132	0	100%
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TOTAL	253	11	96%

2.

Ln #

```
20     print("Starting in production mode")
21     orders_ref = db.reference("orders")
22     inventory_ref = db.reference("inventory")
```

The alternative to starting in testing mode, starting in production mode, currently has no tests.

Ln #

```
51     if request.method == 'POST':
52         user_input = request.form['user_input']
53         return render_template('index.html', user_input=user_input)
54     return render_template('index.html', user_input=None)
```

Under the app.route '/index' nothing is tested since this html isn't actually used. This can probably be removed since the base page is '/' and nothing calls '/index'.

Ln #

```
69     search_result = [item for item in orders if query in item["name"].lower()]
```

While search_result is tested, it is only tested for the case where search is the update to the page, not the case where say the sort is changed and the search is pulled from the link name instead.

Ln #

```
146     search_result = [item for item in drug_inventory if query in item["name"].lower()]
```

Same case as above but for drug inventory.

Ln #

```
174     return redirect("/inventory")
```

The final return redirect in '/inventory/modify_inventory' is tested, however not in this specific case where "/inventory" is redirected.

Ln #

180 app.run(debug=True)

While there is a test for the app loading, it does this by checking if the first page loads on request.

3.

Test coverage meets 90%

Alex Sun - Aleysu

- Identify and explain missing code coverage

Nick Axani - NickAxani

- Coverage test and report

- Identify and explain missing code coverage

Ewan Peterson - Ewan-Peterson

- Identify and explain missing code coverage