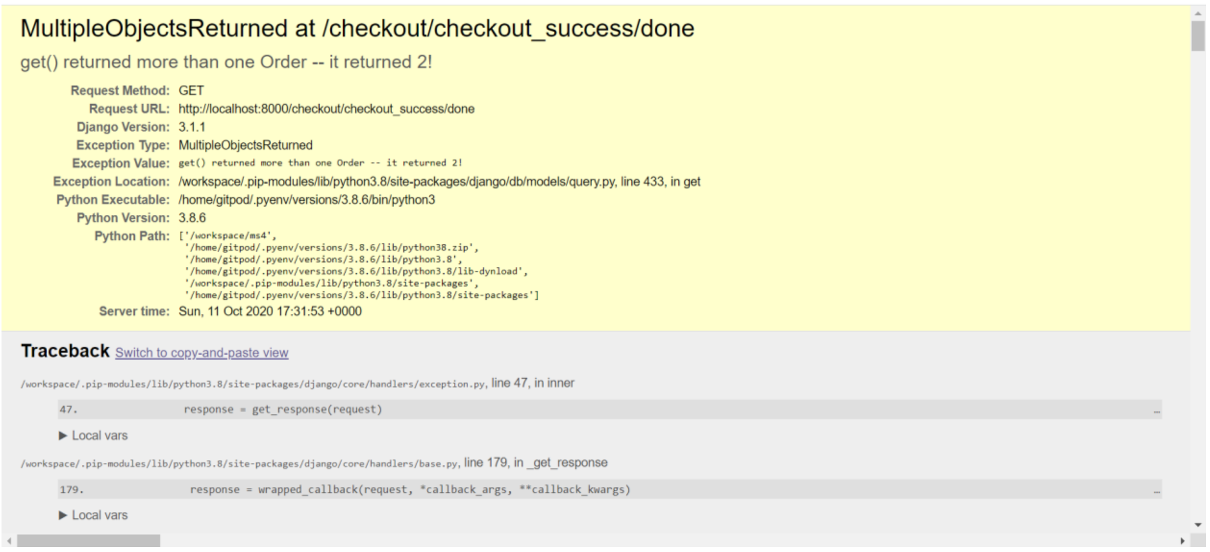
More than one order created issues.



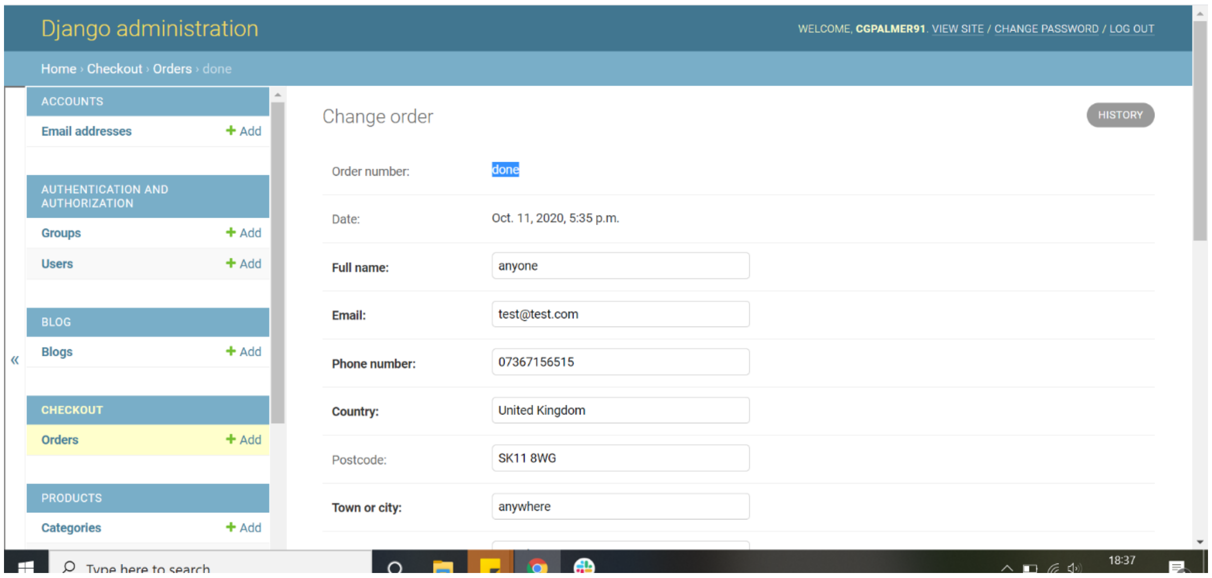
```
MultipleObjectsReturned at /checkout/checkout_success/done
get() returned more than one Order -- it returned 2!

    Request Method: GET
       Request URL: http://localhost:8000/checkout/checkout_success/done
    Django Version: 3.1.1
    Exception Type: MultipleObjectsReturned
   Exception Value: get() returned more than one Order -- it returned 2!
Exception Location: /workspace/.pip-modules/lib/python3.8/site-packages/django/db/models/query.py, line 433, in get
 Python Executable: /home/gitpod/.pyenv/versions/3.8.6/bin/python3
    Python Version: 3.8.6
       Python Path: ['/workspace/ms4',
                     '/home/gitpod/.pyenv/versions/3.8.6/lib/python38.zip',
                     '/home/gitpod/.pyenv/versions/3.8.6/lib/python3.8',
                     '/home/gitpod/.pyenv/versions/3.8.6/lib/python3.8/lib-dynload',
                     '/workspace/.pip-modules/lib/python3.8/site-packages',
                     '/home/gitpod/.pyenv/versions/3.8.6/lib/python3.8/site-packages']
       Server time: Sun, 11 Oct 2020 17:31:53 +0000

Traceback Switch to copy-and-paste view

/workspace/.pip-modules/lib/python3.8/site-packages/django/core/handlers/exception.py, line 47, in inner
    47.                 response = get_response(request)
    ▶ Local vars
/workspace/.pip-modules/lib/python3.8/site-packages/django/core/handlers/base.py, line 179, in _get_response
    179.                response = wrapped_callback(request, *callback_args, **callback_kwargs)
    ▶ Local vars
```

As I understood it, each order needed a different order number. I checked the admin for the order number to see if they were the same. It said the order number was “done”.



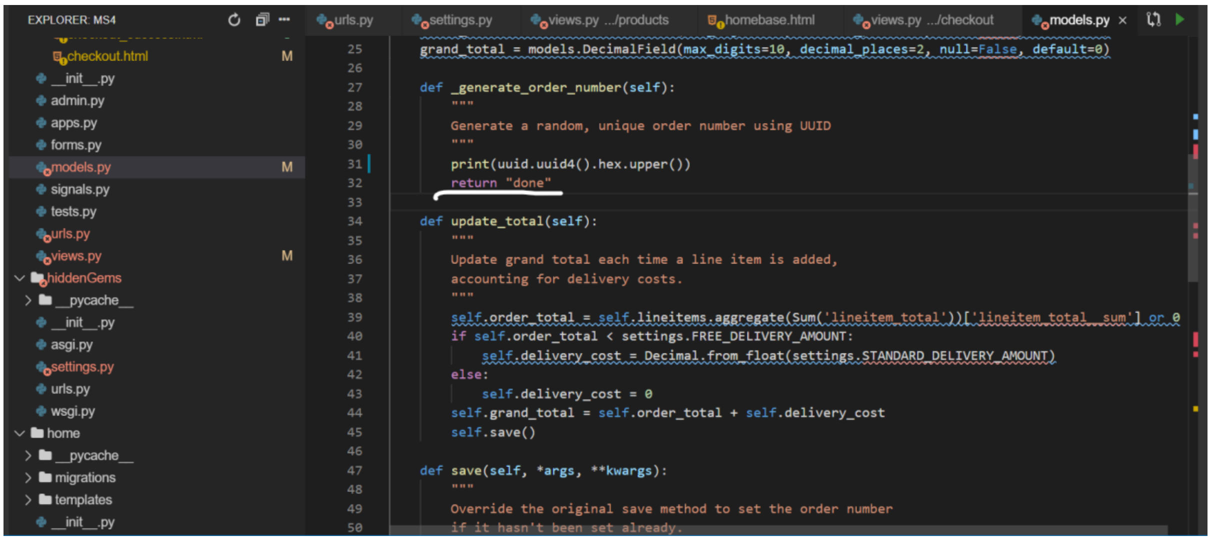
Django administration — WELCOME, CGPALMER91. VIEW SITE / CHANGE PASSWORD / LOG OUT

Home › Checkout › Orders › done

Change order

| | |
|---|---|
| Order number: | done |
| Date: | Oct. 11, 2020, 5:35 p.m. |
| Full name: | anyone |
| Email: | test@test.com |
| Phone number: | 07367156515 |
| Country: | United Kingdom |
| Postcode: | SK11 8WG |
| Town or city: | anywhere |

I have previously tried to work out what the “4” was used for in the uuid. I changed the return to “done” so testing didn’t have any side effects.



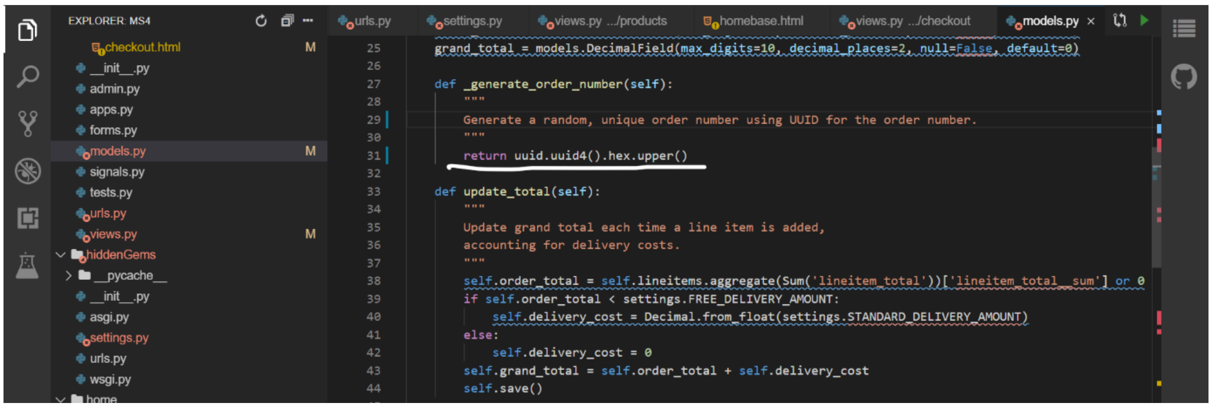
```python
grand_total = models.DecimalField(max_digits=10, decimal_places=2, null=False, default=0)

def _generate_order_number(self):
    """
    Generate a random, unique order number using UUID
    """
    print(uuid.uuid4().hex.upper())
    return "done"

def update_total(self):
    """
    Update grand total each time a line item is added,
    accounting for delivery costs.
    """
    self.order_total = self.lineitems.aggregate(Sum('lineitem_total'))['lineitem_total__sum'] or 0
    if self.order_total < settings.FREE_DELIVERY_AMOUNT:
        self.delivery_cost = Decimal.from_float(settings.STANDARD_DELIVERY_AMOUNT)
    else:
        self.delivery_cost = 0
    self.grand_total = self.order_total + self.delivery_cost
    self.save()

def save(self, *args, **kwargs):
    """
    Override the original save method to set the order number
    if it hasn't been set already.
```

To fix this, I’ve changed “done” to the following code:

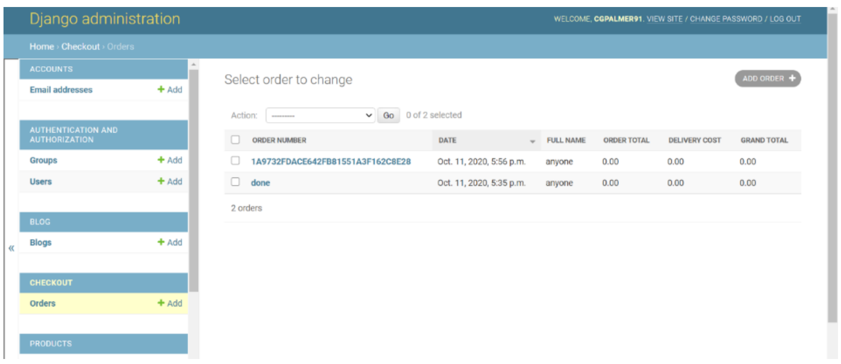


```python
grand_total = models.DecimalField(max_digits=10, decimal_places=2, null=False, default=0)

def _generate_order_number(self):
    """
    Generate a random, unique order number using UUID for the order number.
    """
    return uuid.uuid4().hex.upper()

def update_total(self):
    """
    Update grand total each time a line item is added,
    accounting for delivery costs.
    """
    self.order_total = self.lineitems.aggregate(Sum('lineitem_total'))['lineitem_total__sum'] or 0
    if self.order_total < settings.FREE_DELIVERY_AMOUNT:
        self.delivery_cost = Decimal.from_float(settings.STANDARD_DELIVERY_AMOUNT)
    else:
        self.delivery_cost = 0
    self.grand_total = self.order_total + self.delivery_cost
    self.save()
```

I put in another order and checked the admin to see that it was working properly. I now had another order with the correct type of order number.



Select order to change

| ORDER NUMBER | DATE | FULL NAME | ORDER TOTAL | DELIVERY COST | GRAND TOTAL |
|---|---|---|---|---|---|
| 1A9732FDACE642FB81551A3F162C8E28 | Oct. 11, 2020, 5:56 p.m. | anyone | 0.00 | 0.00 | 0.00 |
| done | Oct. 11, 2020, 5:35 p.m. | anyone | 0.00 | 0.00 | 0.00 |

2 orders