File "<console>", line 1, in <module>

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/manager.py", line 85, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 397, in create

obj = self.model(\*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/base.py", line 537, in \_\_init\_\_

setattr(self, field.name, rel\_obj)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/fields/related\_descriptors.py", line 211, in \_\_set\_\_

self.field.remote\_field.model.\_meta.object\_name,

ValueError: Cannot assign "'CodingDojo Mountain View'": "Ninja.dojo" must be a "Dojo" instance.

>>> Dojo.objects.filter(name="Coding")

<QuerySet []>

>>> Dojo.objects.filter(name="CodingDojo")

<QuerySet []>

>>> Dojo.objects.filter(name="CodingDojo Mountain View")

<QuerySet []>

>>> Dojo.objects.all()

<QuerySet [<Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>]>

>>> Dojo.objects.get(id=1)

<Dojo: Dojo object>

>>> Dojo.objects.filter(name="Coding\*")

<QuerySet []>

>>> Dojo.objects.filter(State="CA")

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/manager.py", line 85, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 794, in filter

return self.\_filter\_or\_exclude(False, \*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 812, in \_filter\_or\_exclude

clone.query.add\_q(Q(\*args, \*\*kwargs))

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1227, in add\_q

clause, \_ = self.\_add\_q(q\_object, self.used\_aliases)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1253, in \_add\_q

allow\_joins=allow\_joins, split\_subq=split\_subq,

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1133, in build\_filter

lookups, parts, reffed\_expression = self.solve\_lookup\_type(arg)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1019, in solve\_lookup\_type

\_, field, \_, lookup\_parts = self.names\_to\_path(lookup\_splitted, self.get\_meta())

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1327, in names\_to\_path

"Choices are: %s" % (name, ", ".join(available)))

django.core.exceptions.FieldError: Cannot resolve keyword 'State' into field. Choices are: city, created\_at, id, name, ninjas, state, updated\_at

>>> Dojo.objects.filter(state="CA")

<QuerySet [<Dojo: Dojo object>]>

>>> Dojo.objects.all().name

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'QuerySet' object has no attribute 'name'

>>> Dojo.objects.first().name

'CodingDojo Silicon Valley'

>>> Ninja.objects.create(first\_name="irwan", last\_name="soetandar", dojo="CodingDojo Silicon Valley")

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/manager.py", line 85, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 397, in create

obj = self.model(\*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/base.py", line 537, in \_\_init\_\_

setattr(self, field.name, rel\_obj)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/fields/related\_descriptors.py", line 211, in \_\_set\_\_

self.field.remote\_field.model.\_meta.object\_name,

ValueError: Cannot assign "'CodingDojo Silicon Valley'": "Ninja.dojo" must be a "Dojo" instance.

>>> Ninja.objects.create(first\_name="irwan", last\_name="soetandar", Dojo.name="CodingDojo Silicon Valley")

File "<console>", line 1

SyntaxError: keyword can't be an expression

>>> Ninja.objects.create(first\_name="irwan", last\_name="soetandar", Ninja.dojo="CodingDojo Silicon Valley")

File "<console>", line 1

SyntaxError: keyword can't be an expression

>>> Ninja.objects.create(first\_name="irwan", last\_name="soetandar", dojo="CodingDojo Silicon Valley")

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/manager.py", line 85, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 397, in create

obj = self.model(\*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/base.py", line 537, in \_\_init\_\_

setattr(self, field.name, rel\_obj)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/fields/related\_descriptors.py", line 211, in \_\_set\_\_

self.field.remote\_field.model.\_meta.object\_name,

ValueError: Cannot assign "'CodingDojo Silicon Valley'": "Ninja.dojo" must be a "Dojo" instance.

>>> Ninja.objects.create(first\_name="irwan", last\_name="soetandar", dojo=Dojo.objects.get(id=1))

<Ninja: Ninja object>

>>> Ninja.objects.create(first\_name="jeremia", last\_name="soetandar", dojo=Dojo.objects.get(id=1))

<Ninja: Ninja object>

>>> Ninja.objects.create(first\_name="dasffds", last\_name="soetandar", dojo=Dojo.objects.get(id=1))

<Ninja: Ninja object>

>>> Ninja.objects.create(first\_name="dasffds", last\_name="soetandar", dojo=Dojo.objects.get(name="CodingDojo Mountain View"))

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/manager.py", line 85, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 385, in get

self.model.\_meta.object\_name

apps.dojo\_ninjas.models.DoesNotExist: Dojo matching query does not exist.

>>> Ninja.objects.create(first\_name="dasffds", last\_name="soetandar", dojo=Dojo.objects.get(name="CodingDojo Mountain View"))

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/manager.py", line 85, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 385, in get

self.model.\_meta.object\_name

apps.dojo\_ninjas.models.DoesNotExist: Dojo matching query does not exist.

>>> Ninja.objects.create(first\_name="dasffds", last\_name="soetandar", dojo=Dojo.objects.get(name="CodingDojo Silicon Valleuy"))

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/manager.py", line 85, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 385, in get

self.model.\_meta.object\_name

apps.dojo\_ninjas.models.DoesNotExist: Dojo matching query does not exist.

>>> Ninja.objects.create(first\_name="dasffds", last\_name="soetandar", dojo=Dojo.objects.get(name="CodingDojo Silicon Valley"))

<Ninja: Ninja object>

>>> Ninja.objects.create(first\_name="daswerqffds", last\_name="soetandar", dojo=Dojo.objects.get(state="CA"))

<Ninja: Ninja object>

>>> Dojo.objects.get(state="CA)

File "<console>", line 1

Dojo.objects.get(state="CA)

^

SyntaxError: EOL while scanning string literal

>>> Dojo.objects.get(state="CA")

<Dojo: Dojo object>

>>> Dojo.objects.get(state="CA").name

'CodingDojo Silicon Valley'

>>> Dojo.objects.get(cityu="Mountain View").name

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/manager.py", line 85, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 376, in get

clone = self.filter(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 794, in filter

return self.\_filter\_or\_exclude(False, \*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 812, in \_filter\_or\_exclude

clone.query.add\_q(Q(\*args, \*\*kwargs))

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1227, in add\_q

clause, \_ = self.\_add\_q(q\_object, self.used\_aliases)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1253, in \_add\_q

allow\_joins=allow\_joins, split\_subq=split\_subq,

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1133, in build\_filter

lookups, parts, reffed\_expression = self.solve\_lookup\_type(arg)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1019, in solve\_lookup\_type

\_, field, \_, lookup\_parts = self.names\_to\_path(lookup\_splitted, self.get\_meta())

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1327, in names\_to\_path

"Choices are: %s" % (name, ", ".join(available)))

django.core.exceptions.FieldError: Cannot resolve keyword 'cityu' into field. Choices are: city, created\_at, id, name, ninjas, state, updated\_at

>>> Dojo.objects.get(city="Mountain View").name

'CodingDojo Silicon Valley'

>>> Dojo.objects.create(name="CodingDojo Los Angles" city="Los Angles", state="CA")

File "<console>", line 1

Dojo.objects.create(name="CodingDojo Los Angles" city="Los Angles", state="CA")

^

SyntaxError: invalid syntax

>>> Dojo.objects.create(name="CodingDojo Los Angles", city="Los Angles", state="CA")

<Dojo: Dojo object>

>>> Dojo.objects.get(state="CA").name

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/manager.py", line 85, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 389, in get

(self.model.\_meta.object\_name, num)

apps.dojo\_ninjas.models.MultipleObjectsReturned: get() returned more than one Dojo -- it returned 2!

>>> Dojo.objects.get(state="CA").all()

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/manager.py", line 85, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 389, in get

(self.model.\_meta.object\_name, num)

apps.dojo\_ninjas.models.MultipleObjectsReturned: get() returned more than one Dojo -- it returned 2!

>>> Dojo.objects.all()

<QuerySet [<Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>]>

>>> Dojo.objects.all().name

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'QuerySet' object has no attribute 'name'

>>> Dojo.objects.get(state="CA")

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/manager.py", line 85, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 389, in get

(self.model.\_meta.object\_name, num)

apps.dojo\_ninjas.models.MultipleObjectsReturned: get() returned more than one Dojo -- it returned 2!

>>> Dojo.objects.first().name

'CodingDojo Silicon Valley'

>>> Dojo.objects.all().name

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'QuerySet' object has no attribute 'name'

>>> Dojo.objects.all()

<QuerySet [<Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>]>

>>> Dojo.objects.filter(state="CA")

<QuerySet [<Dojo: Dojo object>, <Dojo: Dojo object>]>

>>> Dojo.objects.filter(state="CA").filter(city="Mountain View")

<QuerySet [<Dojo: Dojo object>]>

>>> Dojo.objects.filter(state="CA").filter(city="Mountain View").name

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'QuerySet' object has no attribute 'name'

>>> Dojo.objects.filter(state="CA").filter(city="Mountain View")

<QuerySet [<Dojo: Dojo object>]>

>>> Dojo.objects.filter(state="CA")

<QuerySet [<Dojo: Dojo object>, <Dojo: Dojo object>]>

>>> Dojo.objects.filter(state="CA").names

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'QuerySet' object has no attribute 'names'

>>> Dojo.objects.filter(state="CA").name

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'QuerySet' object has no attribute 'name'

>>> Dojo.objects.first().name

'CodingDojo Silicon Valley'

>>> Dojo.objects.filter(state="CA").values()

<QuerySet [{'id': 1, 'name': 'CodingDojo Silicon Valley', 'city': 'Mountain View', 'state': 'CA', 'created\_at': datetime.datetime(2018, 5, 18, 17, 31, 57, 807650, tzinfo=<UTC>), 'updated\_at': datetime.datetime(2018, 5,18, 17, 31, 57, 807935, tzinfo=<UTC>)}, {'id': 4, 'name': 'CodingDojo Los Angles', 'city': 'Los Angles', 'state': 'CA', 'created\_at': datetime.datetime(2018, 5, 18, 20, 19, 11, 220950, tzinfo=<UTC>), 'updated\_at': datetime.datetime(2018, 5, 18, 20, 19, 11, 221002, tzinfo=<UTC>)}]>

>>> Dojo.objects.filter(state="CA").name()

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'QuerySet' object has no attribute 'name'

>>> Dojo.objects.filter(state="CA").values(name="CodingDojo Los Angles")

Traceback (most recent call last):

File "<console>", line 1, in <module>

TypeError: values() got an unexpected keyword argument 'name'

>>> Dojo.objects.filter(state="CA").values('name':'CodingDojo Silicon Vallye')

File "<console>", line 1

Dojo.objects.filter(state="CA").values('name':'CodingDojo Silicon Vallye')

^

SyntaxError: invalid syntax

>>> Dojo.objects.filter(state="CA").values('name':'CodingDojo Silicon Valley')

File "<console>", line 1

Dojo.objects.filter(state="CA").values('name':'CodingDojo Silicon Valley')

^

SyntaxError: invalid syntax

>>> Dojo.objects.filter(state="CA").values('name'='CodingDojo Silicon Valley')

File "<console>", line 1

SyntaxError: keyword can't be an expression

>>> Dojo.objects.filter(state="CA").values('CodingDojo Silicon Valley')

Traceback (most recent call last):

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1630, in add\_fields

name.split(LOOKUP\_SEP), opts, alias, allow\_many=allow\_m2m)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1402, in setup\_joins

names, opts, allow\_many, fail\_on\_missing=True)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1327, in names\_to\_path

"Choices are: %s" % (name, ", ".join(available)))

django.core.exceptions.FieldError: Cannot resolve keyword 'CodingDojo Silicon Valley' into field. Choices are: city, created\_at, id, name, ninjas, state, updated\_at

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 717, in values

clone = self.\_values(\*fields)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 712, in \_values

query.add\_fields(field\_names, True)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1644, in add\_fields

"Choices are: %s" % (name, ", ".join(names)))

django.core.exceptions.FieldError: Cannot resolve keyword 'CodingDojo Silicon Valley' into field. Choices are: city, created\_at, id, name, ninjas, state, updated\_at

>>> Dojo.objects.first().ninjas.all()

<QuerySet [<Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>]>

>>> ninjas.all()

Traceback (most recent call last):

File "<console>", line 1, in <module>

NameError: name 'ninjas' is not defined

>>> Ninja.objects.all()

<QuerySet [<Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>]>

>>> Dojo.objects.all()

<QuerySet [<Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>]>

>>> ninjas=Ninja.objects.all()

>>> ninjas

<QuerySet [<Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>]>

>>> ninjas=Ninjas.objects

Traceback (most recent call last):

File "<console>", line 1, in <module>

NameError: name 'Ninjas' is not defined

>>> ninjas=Ninja.objects

>>> ninjas.all()

<QuerySet [<Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>]>

>>> Ninja.objects.first\_name()

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'Manager' object has no attribute 'first\_name'

>>> Ninja.objects.first().first\_name

'irwan'

>>> Ninja.objects.first().dojo

<Dojo: Dojo object>

>>> Ninja.objects.first().dojo.name

'CodingDojo Silicon Valley'

>>> ninjas=Ninjas.objects

Traceback (most recent call last):

File "<console>", line 1, in <module>

NameError: name 'Ninjas' is not defined

>>> ninjas=Ninja.objects

>>> Ninja.objects.first().dojo.name

'CodingDojo Silicon Valley'

>>> Ninja.objects.first().dojo.all()

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'Dojo' object has no attribute 'all'

>>> Ninja.objects.first().dojo.name

'CodingDojo Silicon Valley'

>>> exit

Use exit() or Ctrl-D (i.e. EOF) to exit

>>> exit()

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py makemigrations

Traceback (most recent call last):

File "manage.py", line 22, in <module>

execute\_from\_command\_line(sys.argv)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/core/management/\_\_init\_\_.py", line 367, in execute\_from\_command\_line

utility.execute()

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/core/management/\_\_init\_\_.py", line 341, in execute

django.setup()

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/\_\_init\_\_.py", line 27, in setup

apps.populate(settings.INSTALLED\_APPS)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/apps/registry.py", line 108, in populate

app\_config.import\_models(all\_models)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/apps/config.py", line 199, in import\_models

self.models\_module = import\_module(models\_module\_name)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/importlib/\_\_init\_\_.py", line 126, in import\_module

return \_bootstrap.\_gcd\_import(name[level:], package, level)

File "<frozen importlib.\_bootstrap>", line 994, in \_gcd\_import

File "<frozen importlib.\_bootstrap>", line 971, in \_find\_and\_load

File "<frozen importlib.\_bootstrap>", line 955, in \_find\_and\_load\_unlocked

File "<frozen importlib.\_bootstrap>", line 665, in \_load\_unlocked

File "<frozen importlib.\_bootstrap\_external>", line 678, in exec\_module

File "<frozen importlib.\_bootstrap>", line 219, in \_call\_with\_frames\_removed

File "/Users/irwansoetandar/Desktop/DojoAssignments/Django/mainMultiApps/apps/dojo\_ninjas/models.py", line 4, in <module>

class Dojo(models.Model):

File "/Users/irwansoetandar/Desktop/DojoAssignments/Django/mainMultiApps/apps/dojo\_ninjas/models.py", line 8, in Dojo

ninjas = Ninja.objects

NameError: name 'Ninja' is not defined

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py makemigrations

No changes detected

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py migrate

Operations to perform:

Apply all migrations: admin, auth, blogs\_app, contenttypes, dojo\_ninjas, sessions, users\_app

Running migrations:

No migrations to apply.

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py shell

Python 3.6.5 (default, Apr 25 2018, 14:23:58)

[GCC 4.2.1 Compatible Apple LLVM 9.1.0 (clang-902.0.39.1)] on darwin

Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> exit()

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py makemigrations

Traceback (most recent call last):

File "manage.py", line 22, in <module>

execute\_from\_command\_line(sys.argv)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/core/management/\_\_init\_\_.py", line 367, in execute\_from\_command\_line

utility.execute()

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/core/management/\_\_init\_\_.py", line 341, in execute

django.setup()

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/\_\_init\_\_.py", line 27, in setup

apps.populate(settings.INSTALLED\_APPS)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/apps/registry.py", line 108, in populate

app\_config.import\_models(all\_models)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/apps/config.py", line 199, in import\_models

self.models\_module = import\_module(models\_module\_name)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/importlib/\_\_init\_\_.py", line 126, in import\_module

return \_bootstrap.\_gcd\_import(name[level:], package, level)

File "<frozen importlib.\_bootstrap>", line 994, in \_gcd\_import

File "<frozen importlib.\_bootstrap>", line 971, in \_find\_and\_load

File "<frozen importlib.\_bootstrap>", line 955, in \_find\_and\_load\_unlocked

File "<frozen importlib.\_bootstrap>", line 665, in \_load\_unlocked

File "<frozen importlib.\_bootstrap\_external>", line 678, in exec\_module

File "<frozen importlib.\_bootstrap>", line 219, in \_call\_with\_frames\_removed

File "/Users/irwansoetandar/Desktop/DojoAssignments/Django/mainMultiApps/apps/dojo\_ninjas/models.py", line 4, in <module>

class Dojo(models.Model):

File "/Users/irwansoetandar/Desktop/DojoAssignments/Django/mainMultiApps/apps/dojo\_ninjas/models.py", line 8, in Dojo

ninjas = Ninja.object(Ninja, related\_name="dojo")

NameError: name 'Ninja' is not defined

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py migrate

Operations to perform:

Apply all migrations: admin, auth, blogs\_app, contenttypes, dojo\_ninjas, sessions, users\_app

Running migrations:

No migrations to apply.

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py makemigrations

No changes detected

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py migrate

Operations to perform:

Apply all migrations: admin, auth, blogs\_app, contenttypes, dojo\_ninjas, sessions, users\_app

Running migrations:

No migrations to apply.

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py shell

Python 3.6.5 (default, Apr 25 2018, 14:23:58)

[GCC 4.2.1 Compatible Apple LLVM 9.1.0 (clang-902.0.39.1)] on darwin

Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> Dojo.objects.first().ninjas.all()

Traceback (most recent call last):

File "<console>", line 1, in <module>

NameError: name 'Dojo' is not defined

>>> Dojo.objects.first()

Traceback (most recent call last):

File "<console>", line 1, in <module>

NameError: name 'Dojo' is not defined

>>> from apps.dojo\_ninjas.model import \*

Traceback (most recent call last):

File "<console>", line 1, in <module>

ModuleNotFoundError: No module named 'apps.dojo\_ninjas.model'

>>> from apps.dojo\_ninjas.models import \*

>>> Dojo.objects.first()

<Dojo: Dojo object>

>>> Dojo.objects.first().ninjas.all()

<QuerySet [<Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>]>

>>> Dojo.objects.first().ninjas.all().name

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'QuerySet' object has no attribute 'name'

>>> Dojo.objects.first().ninjas.all().first\_name

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'QuerySet' object has no attribute 'first\_name'

>>> Dojo.objects.first().ninjas.all()

<QuerySet [<Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>]>

>>> Ninja.objects.all()

<QuerySet [<Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>]>

>>> Dojo.objects.first().ninjas.values

<bound method BaseManager.\_get\_queryset\_methods.<locals>.create\_method.<locals>.manager\_method of <django.db.models.fields.related\_descriptors.create\_reverse\_many\_to\_one\_manager.<locals>.RelatedManager object at 0x107114da0>>

>>> Dojo.objects.first().ninjas.values()

<QuerySet [{'id': 1, 'first\_name': 'irwan', 'last\_name': 'soetandar', 'dojo\_id': 1, 'created\_at': datetime.datetime(2018, 5, 18, 20, 7, 12, 461957, tzinfo=<UTC>), 'updated\_at': datetime.datetime(2018, 5, 18, 20, 7, 12, 462316, tzinfo=<UTC>)}, {'id': 2, 'first\_name': 'jeremia', 'last\_name': 'soetandar', 'dojo\_id': 1, 'created\_at': datetime.datetime(2018, 5, 18, 20, 11, 57, 814320, tzinfo=<UTC>), 'updated\_at': datetime.datetime(2018, 5, 18, 20, 11, 57, 814361, tzinfo=<UTC>)}, {'id': 3, 'first\_name': 'dasffds', 'last\_name': 'soetandar', 'dojo\_id': 1, 'created\_at': datetime.datetime(2018, 5, 18, 20, 12, 10, 232104, tzinfo=<UTC>), 'updated\_at': datetime.datetime(2018, 5, 18, 20, 12, 10, 232161, tzinfo=<UTC>)}, {'id': 4, 'first\_name': 'dasffds', 'last\_name': 'soetandar', 'dojo\_id': 1, 'created\_at': datetime.datetime(2018, 5, 18, 20, 14, 30, 969944, tzinfo=<UTC>), 'updated\_at': datetime.datetime(2018, 5, 18, 20, 14, 30, 970000,tzinfo=<UTC>)}, {'id': 5, 'first\_name': 'daswerqffds', 'last\_name': 'soetandar', 'dojo\_id': 1, 'created\_at': datetime.datetime(2018, 5, 18, 20, 15, 2, 298731, tzinfo=<UTC>), 'updated\_at': datetime.datetime(2018, 5, 18, 20, 15, 2, 298792, tzinfo=<UTC>)}]>

>>> Ninja.objects.first().dojo

<Dojo: Dojo object>

>>> a = Dojo(name="CodingDojo Burbank", city="Burbank", state="CA")

>>> a.save

<bound method Model.save of <Dojo: Dojo object>>

>>> a.save()

>>> b = Dojo(name="CodingDojo Las Vegas", city="Las Vegas", state="AZ")

>>> b.save()

>>> Dojo.objects.all()

<QuerySet [<Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>]>

>>> Dojo.objects.last().name

'CodingDojo Las Vegas'

>>> b = Dojo.objects.last()

>>> d.delete()

Traceback (most recent call last):

File "<console>", line 1, in <module>

NameError: name 'd' is not defined

>>> b.delete()

(1, {'dojo\_ninjas.Ninja': 0, 'dojo\_ninjas.Dojo': 1})

>>> Dojo.objects.last().name

'CodingDojo Burbank'

>>> Dojo.objects.all()

<QuerySet [<Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>, <Dojo: Dojo object>]>

>>> Ninja.objects.all()

<QuerySet [<Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>]>

>>> Ninja.objects.first().dojo

<Dojo: Dojo object>

>>> Ninja.objects.first().dojo.name

'CodingDojo Silicon Valley'

>>> Ninja.objects.second().dojo.name

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'Manager' object has no attribute 'second'

>>> Ninja.objects.lsst().dojo.name

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'Manager' object has no attribute 'lsst'

>>> Ninja.objects.last().dojo.name

'CodingDojo Silicon Valley'

>>> Ninja.objects.first().dojo.name

\'CodingDojo Silicon Valley'

>>> Ninja.objects.first().dojo.name

'CodingDojo Silicon Valley'

>>> Ninja.objects.last().dojo.name

'CodingDojo Silicon Valley'

>>> Dojo.objects.last().name

'CodingDojo Burbank'

>>> Ninja.objects.create(first\_name="Bonny" last\_name="head" dojo=Dojo.objects.get(Id=2)

File "<console>", line 1

Ninja.objects.create(first\_name="Bonny" last\_name="head" dojo=Dojo.objects.get(Id=2)

^

SyntaxError: invalid syntax

>>> Ninja.objects.create(first\_name="Bonny", last\_name="head", dojo=Dojo.objects.get(Id=2))

Traceback (most recent call last):

File "<console>", line 1, in <module>

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/manager.py", line 85, in manager\_method

return getattr(self.get\_queryset(), name)(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 376, in get

clone = self.filter(\*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 794, in filter

return self.\_filter\_or\_exclude(False, \*args, \*\*kwargs)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/query.py", line 812, in \_filter\_or\_exclude

clone.query.add\_q(Q(\*args, \*\*kwargs))

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1227, in add\_q

clause, \_ = self.\_add\_q(q\_object, self.used\_aliases)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1253, in \_add\_q

allow\_joins=allow\_joins, split\_subq=split\_subq,

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1133, in build\_filter

lookups, parts, reffed\_expression = self.solve\_lookup\_type(arg)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1019, in solve\_lookup\_type

\_, field, \_, lookup\_parts = self.names\_to\_path(lookup\_splitted, self.get\_meta())

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/db/models/sql/query.py", line 1327, in names\_to\_path

"Choices are: %s" % (name, ", ".join(available)))

django.core.exceptions.FieldError: Cannot resolve keyword 'Id' into field. Choices are: city, created\_at, id, name, ninjas, state, updated\_at

>>> Ninja.objects.create(first\_name="Bonny", last\_name="head", dojo=Dojo.objects.get(id=2))

<Ninja: Ninja object>

>>> Ninja.objects.create(first\_name="Bonnyrweq", last\_name="headerw", dojo=Dojo.objects.get(id=2))

<Ninja: Ninja object>

>>> Ninja.objects.create(first\_name="Bonnyrw234eq", last\_name="hea324derw", dojo=Dojo.objects.get(id=5))

<Ninja: Ninja object>

>>> Ninja.objects.create(first\_name="Byrw234eq", last\_name="h24derw", dojo=Dojo.objects.get(id=5))

<Ninja: Ninja object>

>>> Ninja.objects.all()

<QuerySet [<Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>, <Ninja: Ninja object>]>

>>> Ninja.objects.last()

<Ninja: Ninja object>

>>> Ninja.objects.last().first\_name

'Byrw234eq'

>>> exit()

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py makemigrations

You are trying to add a non-nullable field 'desc' to dojo without a default; we can't do that (the database needs something to populate existing rows).

Please select a fix:

1) Provide a one-off default now (will be set on all existing rows with a null value for this column)

2) Quit, and let me add a default in models.py

Select an option: 1

Please enter the default value now, as valid Python

The datetime and django.utils.timezone modules are available, so you can do e.g. timezone.now

Type 'exit' to exit this prompt

>>> a

Invalid input: name 'a' is not defined

>>> "description column will be updated"

Migrations for 'dojo\_ninjas':

apps/dojo\_ninjas/migrations/0002\_dojo\_desc.py:

- Add field desc to dojo

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ Boo.objets.first().authors

bash: syntax error near unexpected token `.authors'

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ Book.objets.first().authors

bash: syntax error near unexpected token `.authors'

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ Book.objects.first().authors

bash: syntax error near unexpected token `.authors'

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ Author.objects.first().books

bash: syntax error near unexpected token `.books'

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py makemigrations

Traceback (most recent call last):

File "manage.py", line 22, in <module>

execute\_from\_command\_line(sys.argv)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/core/management/\_\_init\_\_.py", line 367, in execute\_from\_command\_line

utility.execute()

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/core/management/\_\_init\_\_.py", line 341, in execute

django.setup()

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/\_\_init\_\_.py", line 27, in setup

apps.populate(settings.INSTALLED\_APPS)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/apps/registry.py", line 108, in populate

app\_config.import\_models(all\_models)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/apps/config.py", line 199, in import\_models

self.models\_module = import\_module(models\_module\_name)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/importlib/\_\_init\_\_.py", line 126, in import\_module

return \_bootstrap.\_gcd\_import(name[level:], package, level)

File "<frozen importlib.\_bootstrap>", line 994, in \_gcd\_import

File "<frozen importlib.\_bootstrap>", line 971, in \_find\_and\_load

File "<frozen importlib.\_bootstrap>", line 955, in \_find\_and\_load\_unlocked

File "<frozen importlib.\_bootstrap>", line 665, in \_load\_unlocked

File "<frozen importlib.\_bootstrap\_external>", line 678, in exec\_module

File "<frozen importlib.\_bootstrap>", line 219, in \_call\_with\_frames\_removed

File "/Users/irwansoetandar/Desktop/DojoAssignments/Django/mainMultiApps/apps/Books\_Authors/models.py", line 4, in <module>

class Book(models.Model):

File "/Users/irwansoetandar/Desktop/DojoAssignments/Django/mainMultiApps/apps/Books\_Authors/models.py", line 6, in Book

desc = models.Text(max\_length=1000)

AttributeError: module 'django.db.models' has no attribute 'Text'

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py makemigrations

Migrations for 'Books\_Authors':

apps/Books\_Authors/migrations/0001\_initial.py:

- Create model Author

- Create model Book

- Create model Books\_Authors

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py migrate

Operations to perform:

Apply all migrations: Books\_Authors, admin, auth, blogs\_app, contenttypes, dojo\_ninjas, sessions, users\_app

Running migrations:

Rendering model states... DONE

Applying Books\_Authors.0001\_initial... OK

Applying dojo\_ninjas.0002\_dojo\_desc... OK

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ Author.objects.first().books

bash: syntax error near unexpected token `.books'

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ Author.objects.first().book

bash: syntax error near unexpected token `.book'

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ Author.objects.first().books()

bash: syntax error near unexpected token `.books'

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ Author.objects.first()

> exit()

bash: syntax error near unexpected token `exit'

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ from apps.Books\_Authors.models import \*

from: can't read /var/mail/apps.Books\_Authors.models

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ from apps.books\_authors.models import \*

from: can't read /var/mail/apps.books\_authors.models

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ from apps.dojo\_ninjas.models import \*

from: can't read /var/mail/apps.dojo\_ninjas.models

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ from apps.app\_dojo\_ninjas.models import \*

from: can't read /var/mail/apps.app\_dojo\_ninjas.models

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py makemigrations

Traceback (most recent call last):

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/apps/config.py", line 118, in create

cls = getattr(mod, cls\_name)

AttributeError: module 'apps' has no attribute 'Books\_Authors'

During handling of the above exception, another exception occurred:

Traceback (most recent call last):

File "manage.py", line 22, in <module>

execute\_from\_command\_line(sys.argv)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/core/management/\_\_init\_\_.py", line 367, in execute\_from\_command\_line

utility.execute()

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/core/management/\_\_init\_\_.py", line 341, in execute

django.setup()

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/\_\_init\_\_.py", line 27, in setup

apps.populate(settings.INSTALLED\_APPS)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/apps/registry.py", line 85, in populate

app\_config = AppConfig.create(entry)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/apps/config.py", line 123, in create

import\_module(entry)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/importlib/\_\_init\_\_.py", line 126, in import\_module

return \_bootstrap.\_gcd\_import(name[level:], package, level)

File "<frozen importlib.\_bootstrap>", line 994, in \_gcd\_import

File "<frozen importlib.\_bootstrap>", line 971, in \_find\_and\_load

File "<frozen importlib.\_bootstrap>", line 953, in \_find\_and\_load\_unlocked

ModuleNotFoundError: No module named 'apps.Books\_Authors'

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py makemigrations

No changes detected

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py migrate

Operations to perform:

Apply all migrations: Books\_Authors, admin, auth, blogs\_app, contenttypes, dojo\_ninjas, sessions, users\_app

Running migrations:

No migrations to apply.

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ from apps.dojo\_ninjas.models import \*

from: can't read /var/mail/apps.dojo\_ninjas.models

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ from apps.dojo\_ninjas\_app.models import \*

from: can't read /var/mail/apps.dojo\_ninjas\_app.models

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py shell

Python 3.6.5 (default, Apr 25 2018, 14:23:58)

[GCC 4.2.1 Compatible Apple LLVM 9.1.0 (clang-902.0.39.1)] on darwin

Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> import apps.dojo\_ninjas.models import \*

File "<console>", line 1

import apps.dojo\_ninjas.models import \*

^

SyntaxError: invalid syntax

>>> from apps.dojo\_ninjas.models import \*

>>> from apps.Books\_Authors.models import \*

>>> Book.objects.first().authors

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'NoneType' object has no attribute 'authors'

>>> exit()

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py migrate

Traceback (most recent call last):

File "manage.py", line 22, in <module>

execute\_from\_command\_line(sys.argv)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/core/management/\_\_init\_\_.py", line 367, in execute\_from\_command\_line

utility.execute()

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/core/management/\_\_init\_\_.py", line 341, in execute

django.setup()

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/\_\_init\_\_.py", line 27, in setup

apps.populate(settings.INSTALLED\_APPS)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/apps/registry.py", line 108, in populate

app\_config.import\_models(all\_models)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/site-packages/django/apps/config.py", line 199, in import\_models

self.models\_module = import\_module(models\_module\_name)

File "/Users/irwansoetandar/Desktop/DojoAssignments/Python/myEnvironments/djangoPy3Env/lib/python3.6/importlib/\_\_init\_\_.py", line 126, in import\_module

return \_bootstrap.\_gcd\_import(name[level:], package, level)

File "<frozen importlib.\_bootstrap>", line 994, in \_gcd\_import

File "<frozen importlib.\_bootstrap>", line 971, in \_find\_and\_load

File "<frozen importlib.\_bootstrap>", line 955, in \_find\_and\_load\_unlocked

File "<frozen importlib.\_bootstrap>", line 665, in \_load\_unlocked

File "<frozen importlib.\_bootstrap\_external>", line 678, in exec\_module

File "<frozen importlib.\_bootstrap>", line 219, in \_call\_with\_frames\_removed

File "/Users/irwansoetandar/Desktop/DojoAssignments/Django/mainMultiApps/apps/Books\_Authors/models.py", line 4, in <module>

class Book(models.Model):

File "/Users/irwansoetandar/Desktop/DojoAssignments/Django/mainMultiApps/apps/Books\_Authors/models.py", line 7, in Book

author = models.ForeignKey(Author, related\_name="authors")

NameError: name 'Author' is not defined

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py migrate

Operations to perform:

Apply all migrations: Books\_Authors, admin, auth, blogs\_app, contenttypes, dojo\_ninjas, sessions, users\_app

Running migrations:

No migrations to apply.

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py makemigrations

No changes detected

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py migrate

Operations to perform:

Apply all migrations: Books\_Authors, admin, auth, blogs\_app, contenttypes, dojo\_ninjas, sessions, users\_app

Running migrations:

No migrations to apply.

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py shell

Python 3.6.5 (default, Apr 25 2018, 14:23:58)

[GCC 4.2.1 Compatible Apple LLVM 9.1.0 (clang-902.0.39.1)] on darwin

Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> Book.objects.first().authors

Traceback (most recent call last):

File "<console>", line 1, in <module>

NameError: name 'Book' is not defined

>>> from apps.Books\_Authors.models import \*

>>> Book.objects.first().authors

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: 'NoneType' object has no attribute 'authors'

>>> exit()

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py makemigrations

Migrations for 'Books\_Authors':

apps/Books\_Authors/migrations/0002\_auto\_20180518\_2339.py:

- Remove field author from books\_authors

- Remove field book from books\_authors

- Add field books to author

- Delete model Books\_Authors

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py migrate

Operations to perform:

Apply all migrations: Books\_Authors, admin, auth, blogs\_app, contenttypes, dojo\_ninjas, sessions, users\_app

Running migrations:

Rendering model states... DONE

Applying Books\_Authors.0002\_auto\_20180518\_2339... OK

The following content types are stale and need to be deleted:

Books\_Authors | books\_authors

Any objects related to these content types by a foreign key will also

be deleted. Are you sure you want to delete these content types?

If you're unsure, answer 'no'.

Type 'yes' to continue, or 'no' to cancel: yes

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py shell

Python 3.6.5 (default, Apr 25 2018, 14:23:58)

[GCC 4.2.1 Compatible Apple LLVM 9.1.0 (clang-902.0.39.1)] on darwin

Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> from apps.Books\_Authors.model import \*

Traceback (most recent call last):

File "<console>", line 1, in <module>

ModuleNotFoundError: No module named 'apps.Books\_Authors.model'

>>> from apps.Books\_Authors.models import \*

>>> exit()

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py makemigrations

Migrations for 'Books\_Authors':

apps/Books\_Authors/migrations/0003\_auto\_20180519\_0010.py:

- Alter field books on author

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py migrate

Operations to perform:

Apply all migrations: Books\_Authors, admin, auth, blogs\_app, contenttypes, dojo\_ninjas, sessions, users\_app

Running migrations:

Rendering model states... DONE

Applying Books\_Authors.0003\_auto\_20180519\_0010... OK

(djangoPy3Env) Irwans-MacBook-Pro:mainMultiApps irwansoetandar$ python manage.py shell

Python 3.6.5 (default, Apr 25 2018, 14:23:58)

[GCC 4.2.1 Compatible Apple LLVM 9.1.0 (clang-902.0.39.1)] on darwin

Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> Book.objects.create(name="C Sharp")

<Book: Book object>

>>> Book.objects.create(name="Java")

<Book: Book object>

>>> Book.objects.create(name="Python")

<Book: Book object>

>>> Book.objects.create(name="PHP")

<Book: Book object>

>>> Book.objects.create(name="Ruby")

<Book: Book object>

>>> Author.objects.create(first\_name="Mike")

<Author: Author object>

>>> Author.objects.create(first\_name="Speros")

<Author: Author object>

>>> Author.objects.create(first\_name="John")

<Author: Author object>

>>> Author.objects.create(first\_name="Jadee")

<Author: Author object>

>>> Author.objects.create(first\_name="Jay")

<Author: Author object>

>>> Author.objects.first().first\_name

'Mike'

>>> a = Author.object.get(id=5)

Traceback (most recent call last):

File "<console>", line 1, in <module>

AttributeError: type object 'Author' has no attribute 'object'

>>> a = Author.objects.get(id=5)

>>> a.first\_name ="Ketul"

>>> Author.objects.get(id=5).first\_name

'Ketul'

>>> b = Book.objects.get(id=5)

>>> b = Book.objects.get(id=5)

>>> b.name="C#"

>>> Book.objects.get(id=5).name

'Ruby'

>>> b.save()

>>> Book.objects.get(id=5).name

'C#'

>>> Author.objects.get(id=1).first\_name

'Mike'

>>> Book.objects.get(id=1).authors.add(Author.objects.get(id = 1))

>>> Book.objects.get(id=2).authors.add(Author.objects.get(id = 1))

>>> Author.objects.get(id=1).books

<django.db.models.fields.related\_descriptors.create\_forward\_many\_to\_many\_manager.<locals>.ManyRelatedManager object at 0x1050326d8>

>>> Author.objects.get(id=1).books.name

>>> Author.objects.get(id=1).books.name()

Traceback (most recent call last):

File "<console>", line 1, in <module>

TypeError: 'NoneType' object is not callable

>>> Author.objects.get(id=1).books.name

>>> Author.objects.first().books.name

>>> Author.objects.first().books

<django.db.models.fields.related\_descriptors.create\_forward\_many\_to\_many\_manager.<locals>.ManyRelatedManager object at 0x1050a3f28>

>>> Book.objects.first().authors

<django.db.models.fields.related\_descriptors.create\_forward\_many\_to\_many\_manager.<locals>.ManyRelatedManager object at 0x104fc6470>

>>> Author.objects.get(id=2).books.add(Book.objects.get(id=1))

>>> Author.objects.get(id=2).books.add(Book.objects.get(id=2))

>>> Author.objects.get(id=2).books.add(Book.objects.get(id=3))

>>> Author.objects.get(id=3).books.add(Book.objects.get(id=3))

>>> Author.objects.get(id=3).books.add(Book.objects.get(id=2))

>>> Author.objects.get(id=3).books.add(Book.objects.get(id=1))

>>> Author.objects.get(id=3).books.add(Book.objects.get(id=4))

>>> Author.objects.get(id=3).books.add(Book.objects.get(id=1))

>>> Author.objects.get(id=4).books.add(Book.objects.get(id=1))

>>> Author.objects.get(id=4).books.add(Book.objects.get(id=2))

>>> Author.objects.get(id=4).books.add(Book.objects.get(id=2))

>>> Author.objects.get(id=4).books.add(Book.objects.get(id=3))

>>> Author.objects.get(id=4).books.add(Book.objects.get(id=4))

>>> Author.objects.get(id=4).books.add(Book.objects.get(id=5))

>>> Book.objects.get(id=3).authors.first().first\_name

'Speros'

>>> Book.objects.get(id=3).authors.all()

<QuerySet [<Author: Author object>, <Author: Author object>, <Author: Author object>]>

>>> Book.objects.get(id=3).authors.get(id=2).first\_name

'Speros'

>>> Book.objects.get(id=3).authors.get(id=3).first\_name

'John'

>>> Book.objects.get(id=3).name

'Python'

>>> Book.objects.get(id=3).authors.get(id=1).first\_name

>>> Book.objects.get(id=3).authors.get(id=4).first\_name

'Jadee'

>>>

Book.objects.get(id = 3).authors.values('first\_name')

<QuerySet [{'first\_name': 'Speros'}, {'first\_name': 'John'}, {'first\_name': 'Jadee'}]>

8.For the 3rd book, remove the first author

>>> Book.objects.get(id=3).authors.values('first\_name')

<QuerySet [{'first\_name': 'Speros'}, {'first\_name': 'John'}, {'first\_name': 'Jadee'}]>

>>> Book.objects.get(id=3).authors.remove(Author.objects.get(id = 2))

>>> Book.objects.get(id=3).authors.values('first\_name')

<QuerySet [{'first\_name': 'John'}, {'first\_name': 'Jadee'}]>

>>>

9. For the 2nd book, add the 5th author as one of the authors

>>> Book.objects.get(id=2).authors.values('first\_name')

<QuerySet [{'first\_name': 'Mike'}, {'first\_name': 'Speros'}, {'first\_name': 'John'}, {'first\_name': 'Jadee'}]>

>>> Book.objects.get(id=2).authors.add(Author.objects.get(id=5)

... )

>>> Book.objects.get(id=2).authors.values('first\_name')

<QuerySet [{'first\_name': 'Mike'}, {'first\_name': 'Speros'}, {'first\_name': 'John'}, {'first\_name': 'Jadee'}, {'first\_name': 'Ketul'}]>

>>>

10. Find all the books that the 3rd author is part of

>>> Author.objects.get(id=3).books.all()

<QuerySet [<Book: Book object>, <Book: Book object>, <Book: Book object>, <Book: Book object>]>

>>> Author.objects.get(id=3).books.values('name')

<QuerySet [{'name': 'C Sharp'}, {'name': 'Java'}, {'name': 'Python'}, {'name': 'PHP'}]>

>>>

11. Find all the books that the 2nd author is part of

>>> Author.objects.get(id=2).books.values('name')

<QuerySet [{'name': 'C Sharp'}, {'name': 'Java'}]>