django

Data Insert into database from Database API

python manage.py shell

(insert into Database API)

from subpro.models import table1,table2

(import tables or models)

table1.objects.all()

it shows <QuerySets []>, means table is empty

Insert Data

a=table1(username="qwe",email="qwe@gmail. com", lastname="qwe1")

a.save()

>>>a.username

qwe'

>>> a.id

1

>>> a.pk

1

id and pk(parimary key),both are same

Second way to insert data

```
>>> b=table1()
>>> b.username="demo"
>>> b.email="demo@gmail.com"
>>> b.lastname="demo1"
>>> b.username
'demo'
>>> b.email
'demo@gmail.com'
>>>b.save()
>>>>>> table1.objects.all()
```

Filter data

First add following line in models.py:-

```python
from django.db import models
class table1(models.Model):
    username = models.CharField(max_length=40)
    email = models.CharField(max_length=40)
    lastname = models.CharField(max_length=40)
    def __str__(self):
        return self.username + '==>' + self.email + '==>'
+ self.lastname
```

Then type following command in CMD.it will show output as follow.

>>> table1.objects.all()

<QuerySet [<table1: qwe==>qwe@gmail.com==>qwe1>, <table1: demo==>demo@gmail.com==>demo1]>

>>> table1.objects.filter(id=1)

<QuerySet [<table1: qwe==>qwe@gmail.com==>qwe1>]>