from django.db import models

class Question(models.Model):

question\_text = models.CharField(max\_length=200)

pub\_date = models.DateTimeField('date published')

class Choice(models.Model):

question = models.ForeignKey(Question, on\_delete=models.CASCADE)

choice\_text = models.CharField(max\_length=200)

votes = models.IntegerField(default=0)

將上方指令放入polls/model.py

INSTALLED\_APPS = [

'polls.apps.PollsConfig',

'django.contrib.admin',

'django.contrib.auth',

'django.contrib.contenttypes',

'django.contrib.sessions',

'django.contrib.messages',

'django.contrib.staticfiles',

]

將上方指令新增至mysite/settings.py的INSTALL APPS <把

polls這個app的資料和功能放進去>

python manage.py makemigrations <查看做了哪些更變>

python manage.py migrate <允許資料庫做更變>

python manage.py shell <進入shell中>

>>> from polls.models import Question, Choice < import剛剛寫的資料庫>

>>> Question.objects.all() <檢查目前Question裡的objects有哪些>

>>> from django.utils import timezone < import timezone>

>>> q = Question(question\_text="What's new?", pub\_date=timezone.now()) <寫入第一筆資料"What's new?"，時間為系統時間>

>>> q.save() <儲存>

>>> q.id

>>> q.question\_text <查詢question內容>

>>> q.pub\_date <查詢發布時間>

>>> q.question\_text = "What's up?" <把question內容改成"What's up?">

>>> q.save() <儲存>

>>> Question.objects.all() <檢視目前Question裡的objects有哪些>

ctrl+z <離開>

from django.db import models

class Question(models.Model):

# ...

def \_\_str\_\_(self):

return self.question\_text

class Choice(models.Model):

# ...

def \_\_str\_\_(self):

return self.choice\_text

將上方指令新增至polls/model.py

import datetime

from django.db import models

from django.utils import timezone

class Question(models.Model):

# ...

def was\_published\_recently(self):

return self.pub\_date >= timezone.now() - datetime.timedelta(days=1)

將上方指令新增至polls/model.py

python manage.py makemigrations <查看做了哪些更變>

python manage.py migrate <允許資料庫做更變>

python manage.py shell <重新進入shell中>

>>> from polls.models import Question, Choice <import Question和Choice>

>>> Question.objects.all() <檢查目前Question裡的objects有哪些>

>>> Question.objects.filter(id=1) <找id=1的objects>

>>> Question.objects.filter(question\_text\_\_startswith='What') <找出What開頭的東西>

>>> from django.utils import timezone < import timezone>

>>> current\_year = timezone.now().year < current year為今年>

>>> Question.objects.get(pub\_date\_\_year=current\_year) <找出哪筆資料發表年分= current year=今年>

>>> Question.objects.get(id=2) <找id=2的objects>

>>> Question.objects.get(pk=1) <當pk=1跑出第一個objects>

>>> q = Question.objects.get(pk=1) <第一個objects給q>

>>> q.was\_published\_recently() <看 q是否為最近一天內的發文>

>>> q = Question.objects.get(pk=1) < pk=1給q>

>>> q.choice\_set.all() <檢查目前q裡的choice有哪些>

>>> q.choice\_set.create(choice\_text='Not much', votes=0) <創造第一個choice叫'Not much'>

>>> q.choice\_set.create(choice\_text='The sky', votes=0) <創造第二個choice叫'The sky'>

>>> c = q.choice\_set.create(choice\_text='Just hacking again', votes=0) <創造第三個choice叫'Just hacking again'並把他給c>

>>> c.question <c所對應的question>

>>> q.choice\_set.all() <檢查目前q裡的choice有哪些>

>>> q.choice\_set.count() <檢查目前q裡的choice有幾個>

>>> Choice.objects.filter(question\_\_pub\_date\_\_year=current\_year) <過濾choice發表日有哪些為今年>

>>> c = q.choice\_set.filter(choice\_text\_\_startswith='Just hacking') <找開頭為'Just hacking'的choice並把他給c >

>>> c.delete() <把c刪除>

ctrl+z <離開>

python manage.py createsuperuser <創造資料庫管理者>

python manage.py runserver >>>127.0.0.1:8000/admin

from django.contrib import admin

from .models import Question

admin.site.register(Question)

將上方指令放入polls/admin.py