To make the database we already have the models.py file for creating the database table

for eg :

from django.db import models

from django.utils import timezone

from django.contrib.auth.models import User

class Post(models.Model) :

title = models.CharField(max\_length=100 )

content = models.TextField()

date\_posted=models.DateTimeField(default=timezone.now)

author = models.ForeignKey( User, on\_delete=models.CASCADE)

def \_\_str\_\_(self): # this dundr method we are using them to return the value of title

return self.title

then after the model and table defination we go to the terminal

and do python manage.py makemigration

this will create the migration file in our system

then we check the sql command which will run by

python manage.py sqlmigrate <app\_name> 0001

then we python manage.py migrate

then we run the shell by

python manage.py shell

then we use the shell to do the data entry

by importing the sql model

from <app\_name>.models import <class\_name>

form django.contrib.auth.models import User

we have some methods to access the data of the table :

User.object.all()

User.object.first()

User.object.last()

and can also assign the value

for the content

Post.objects.all()

to enter

post\_1=<class\_name>(<fieldname>=<value>)

now we will import the database to the view.py file to return the data to the html pages

by

from .models import Post

and Post.objects.all()