❖(Data base)೫೦

```
class        Name( models. Model ):
    name = models. Char field ( max_length = 100)
    desc = models. Tex tField ( null = True , blank =
                                                True
```

• ❖ null = True means that this attribute model can be created in database without this attribute being mentioned.

• ❖ blank = True , means that this model form can be submitted without this attribute

after writing your model, you have to migrate it to database. For this:

run
```
→ Python manage.py makemigrations
→ python manage.py migrate
```

It will apply all migrations to database. Now for accessing django's admin panel, create super user for that:

```
run → Python manage.py createsuperuser
```

At this point, you will not see your model's table in admin panel, for this register your model. open up 'admin.py'

```
from .models import Name.
admin.site.register(Name).
```

(*) Accessing models in views.py

```
from .models import Name
                              or (*)
att_name = Name.objects.all()
                              ↓
                         .get()
                         .filter()
                         etc etc.
```

(A) Model relationships

There are many types of relationship b/w different models like:

- One to One
- Many to Many
- One to Many.

e.g ┌─ One to Many
    └→ tweet = models.Foriegnkey (User, models.on-delete= CASCADE)

It means that one tweet has only one User but one User can have multiple tweets.

∴ models.on-delete = CASCADE
   └→ means that if the 'User' is deleted then tweet will also be deleted.