**Creating group**

**PS D:\Notes\Spring 2023-24\Lec\Web Development in Python using Django(INT253)\Project\myenv\myproject>** python manage.py shell

**>>>** from django.contrib.auth.models import Group

**>>>** group = Group(name='newgroup')

**>>>** group.save()

**>>>** Group.objects.all()

<QuerySet [<Group: group emp>, <Group: newgroup>]>

**>>>**

**Creating user**

**>>>** from django.contrib.auth.models import User

**>>>** user = User.objects.create\_user(username='username', email='email@example.com', password='password')

**>>>** user.save()

**>>>**

**Adding permission to group– adding a particular permission for a particular model**

**>>>** python manage.py shell

**>>>** from django.contrib.auth.models import Permission, Group

**>>>** from django.contrib.contenttypes.models import ContentType

**>>>** from myapp.models import Emp

**>>>** group = Group.objects.get(name='newgroup')

**>>>** content\_type = ContentType.objects.get\_for\_model(Emp)

**>>>** view\_permission = Permission.objects.get(

codename='view\_emp',

content\_type=content\_type,

)

**>>>** group.permissions.add(view\_permission)

**Adding permission to user– adding a particular permission for a particular model**

**>>>** python manage.py shell

**>>>** from django.contrib.auth.models import Permission, User

**>>>** from django.contrib.contenttypes.models import ContentType

**>>>** from myapp.models import Emp

**>>>** user = User.objects.get(username='someuser')

**>>>** content\_type = ContentType.objects.get\_for\_model(Emp)

**>>>** view\_permission = Permission.objects.get(

codename='view\_emp',

content\_type=content\_type,

)

**>>>** user.user\_permissions.add(view\_permission)