(venv) PS C:\Users\pyast\PycharmProjects\pythonProject4\newspaper> py manage.py shell

Python 3.8.10 (tags/v3.8.10:3d8993a, May 3 2021, 11:48:03) [MSC v.1928 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license" for more information.

(InteractiveConsole)

>>> from news.models import \*

1. >>> u1 = User.objects.create\_user(username = 'Matvei')

>>> u1

<User: Matvei>

u2 = User.objects.create\_user(username = 'Oleg')

>>> u2

<User: Oleg>

**2)**>>> Author.objects.create(authorUser = u1)

<Author: Author object (1)>

>>> Author.objects.create(authorUser = u2)

<Author: Author object (2)>

**3)**>>> Category.objects.create(name='Спорт')

<Category: Category object (1)>

>>> Category.objects.create(name='Кино')

<Category: Category object (2)>

>>> Category.objects.create(name='Развлечения')

<Category: Category object (3)>

>>> Category.objects.create(name='Искусство')

<Category: Category object (4)>

**4)** >>> author=Author.objects.get(id=1)

>>> author

<Author: Author object (1)>

>>> Post.objects.create(author=author, categoryType='NW', title='Что-то спортивное', text='Много спортивного текста')

<Post: Post object (1)

>>>> author2 = Author.objects.get(id=2)

>>> author

<Author: Author object (1)>

>>> author2

<Author: Author object (2)>

>>> Post.objects.create(author=author2, categoryType='AR', title='Что-то развлекательное', text='Много развлекательного текста')

<Post: Post object (2)>

>>> Post.objects.create(author=author2, categoryType='AR', title='Что-то развлекательное', text='Много развлекательного текста')

<Post: Post object (3)>

**5)** >>> Post.objects.get(id=1).postCategory.add(Category.objects.get(id=1))

>>> Post.objects.get(id=2).postCategory.add(Category.objects.get(id=3))

>>> Post.objects.get(id=1).postCategory.add(Category.objects.get(id=3))

>>> Post.objects.get(id=2).postCategory.add(Category.objects.get(id=3))

**6)** Comment.objects.create(commentPost=Post.objects.get(id=1), commentUser=Author.objects.get(id=1).authorUser, text='любой текст')

<Comment: Comment object (1)>

**7)** >>> Comment.objects.get(id=1).like()

>>> Comment.objects.get(id=1).like()

>>> Comment.objects.get(id=2).dislike()

>>> Post.objects.get(id=1).like()

>>> Post.objects.get(id=1).like()

>>> Post.objects.get(id=2).dislike()

**8)** Author.objects.all().update\_rating()

**9)** a=Author.objects.order\_by(‘-ratingAuthor’)[:1]

For i in a:

i.ratingAuthor

i.authorUser.username

**10)** Post.objects.all().order\_by('-rating').values('dateCreation', 'authorUser.username', 'rating', 'title').first()

**11)** Post.objects.all().order\_by('-rating')[0].comment\_set.all().values('dateCreation', 'commentUser', 'rating', ‘text’)