py manage.py makemigrations

py manage.py migrate

py manage.py shell

from newapp.models import \*

user1 = User.objects.create(username='Mike', first\_name='Frank')

Author.objects.create(authorUser=user1)

user2 = User.objects.create(username='Sveta', first\_name='Kuz')

Author.objects.create(authorUser=user2)

Category.objects.create(name='IT')

Category.objects.create(name='Study')

Category.objects.create(name='News')

Category.objects.create(name='History')

Post.objects.create(author=Author.objects.get(authorUser=User.objects.get(username='Mike')), categoryType='NW', title='111 title', text='111 text')

Post.objects.create(author=Author.objects.get(authorUser=User.objects.get(username='Mike')), categoryType='AR', title='222 title', text='222 text')

Post.objects.create(author=Author.objects.get(authorUser=User.objects.get(username='Mike')), categoryType='AR', title='333 title', text='333 text')

p1=Post.objects.get(pk=1)

p2=Post.objects.get(pk=2)

p3=Post.objects.get(pk=3)

c1=Category.objects.get(name='IT')

c2=Category.objects.get(name='Study')

c3=Category.objects.get(name='News')

c4=Category.objects.get(name='History')

p1.postCategory.add(c1)

p2.postCategory.add(c2, c3)

p3.postCategory.add(c4)

Comment.objects.create(commentUser=User.objects.get(username='Mike'), commentPost=Post.objects.get(pk=1), text='comment text1')

Comment.objects.create(commentUser=User.objects.get(username='Mike'), commentPost=Post.objects.get(pk=2), text='comment text2')

Comment.objects.create(commentUser=User.objects.get(username='Sveta'), commentPost=Post.objects.get(pk=3), text='comment text3')

Comment.objects.create(commentUser=User.objects.get(username='Sveta'), commentPost=Post.objects.get(pk=1), text='comment text4')

Post.objects.get(pk=1).like()

Post.objects.get(pk=1).like()

Post.objects.get(pk=1).like()

Post.objects.get(pk=2).like()

Post.objects.get(pk=2).like()

Post.objects.get(pk=3).dislike()

Comment.objects.get(pk=1).like()

Comment.objects.get(pk=1).like()

Comment.objects.get(pk=2).like()

Comment.objects.get(pk=3).dislike()

Author.objects.get(authorUser=User.objects.get(username='Mike')).update\_rating()

Author.objects.get(authorUser=User.objects.get(username='Sveta')).update\_rating()

a=Author.objects.get(authorUser=User.objects.get(username='Mike'))

a.ratingAuthor

best=Author.objects.all().order\_by('-ratingAuthor').values('authorUser', 'ratingAuthor')[0]

print(best)

from django.db.models.functions import Left

print(Post.objects.all().order\_by('-rating')[0].values('dateCreation', 'author\_\_name\_\_username', 'rating', 'title', new\_text=Left('text', 3)))