Часть 3.   
1. python manage.py shell

from shop.models import Category, Product

electronics = Category.objects.create(

name="Электроника",

description="Техника и гаджеты"

)

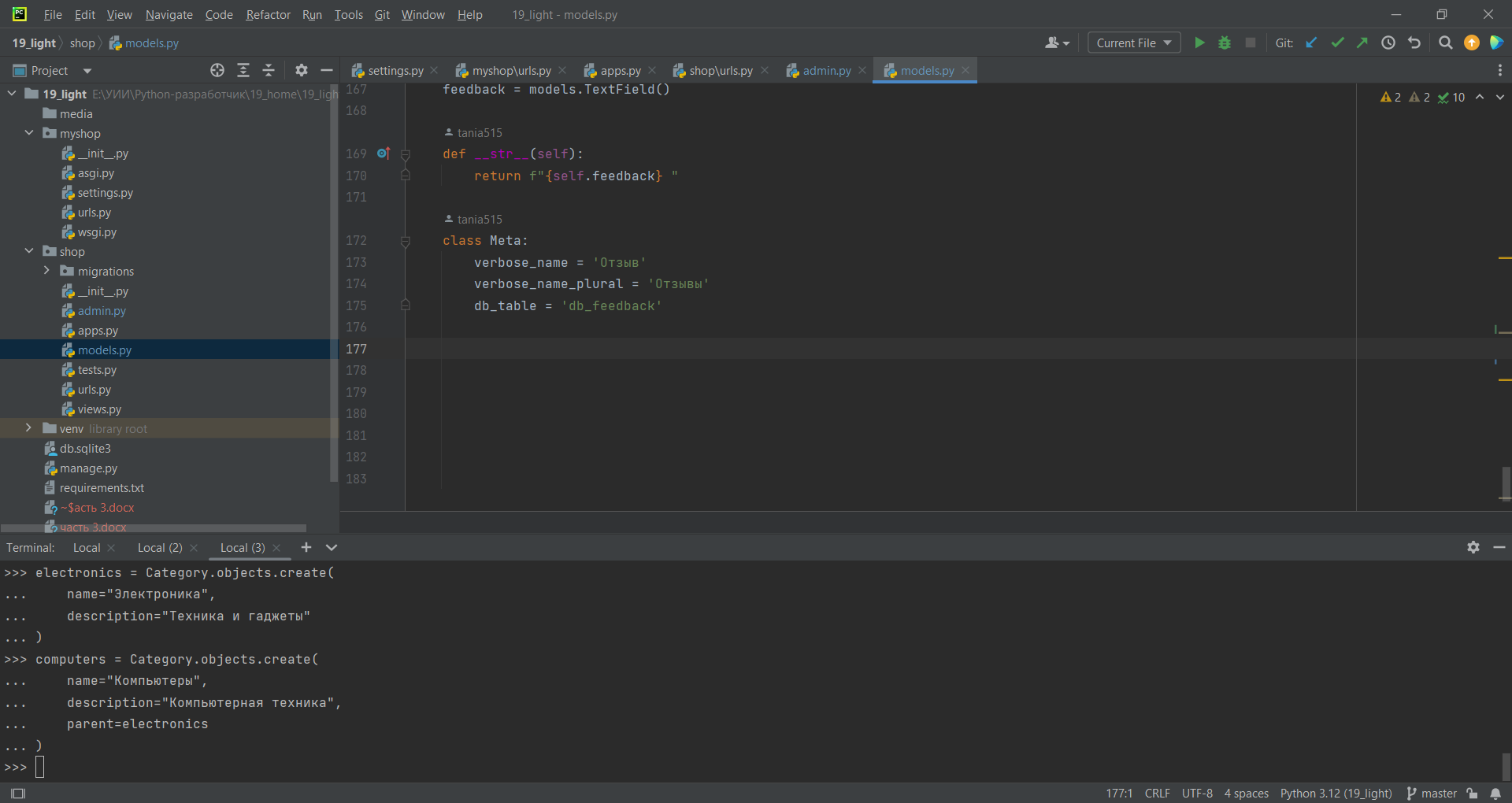
computers = Category.objects.create(

name="Компьютеры",

description="Компьютерная техника",

parent=electronics

)



shoes = Category.objects.create(

name="Обувь",

description="Разная обувь"

)

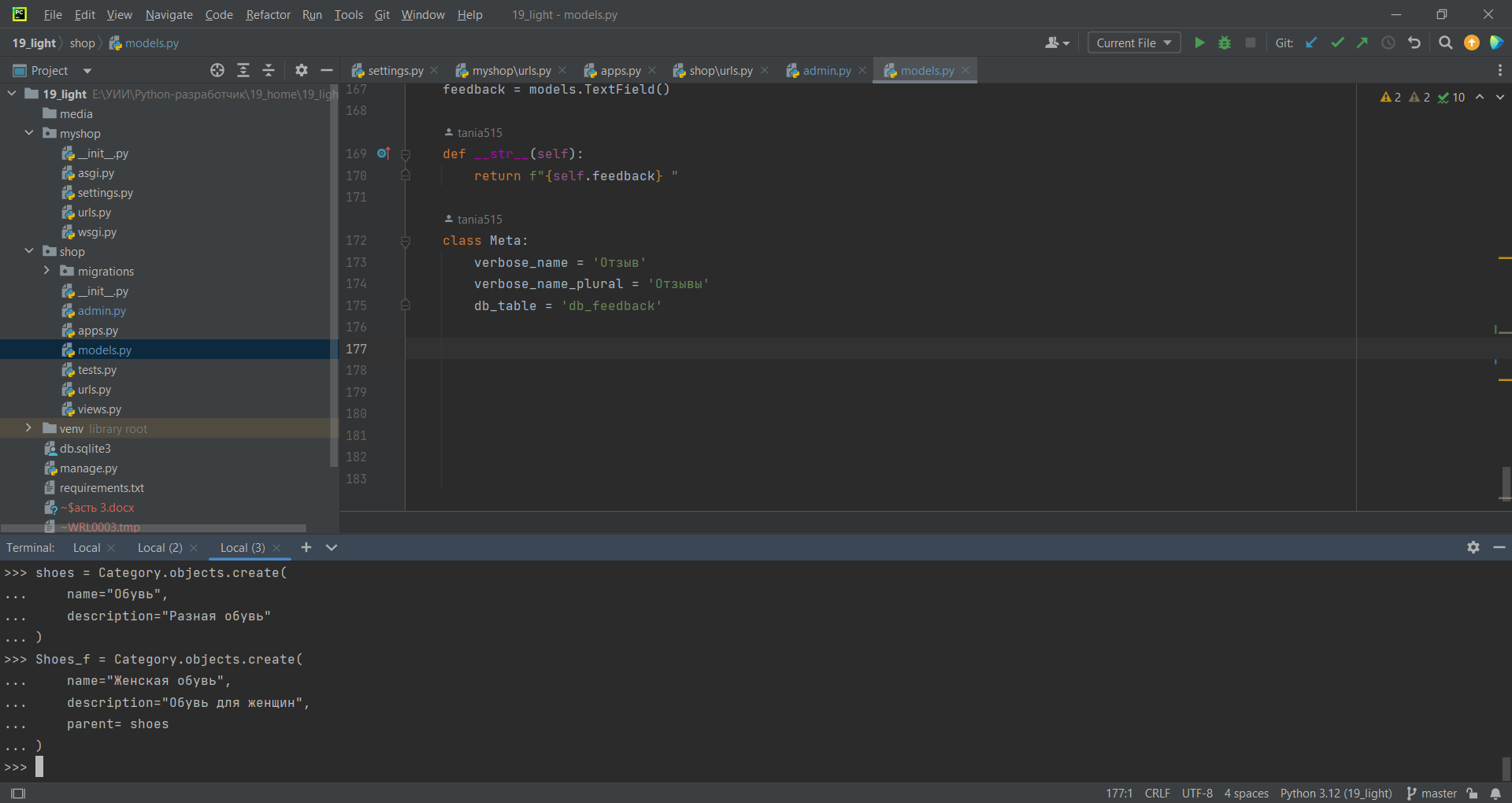
Shoes\_f = Category.objects.create(

name="Женская обувь",

description="Обувь для женщин",

parent= shoes

)



Product.objects.create(

name="iPhone",

description="Смартфон Apple",

price=999.99,

stock\_quantity=50,

category=electronics

)

Product.objects.create(

name="MacBook Pro",

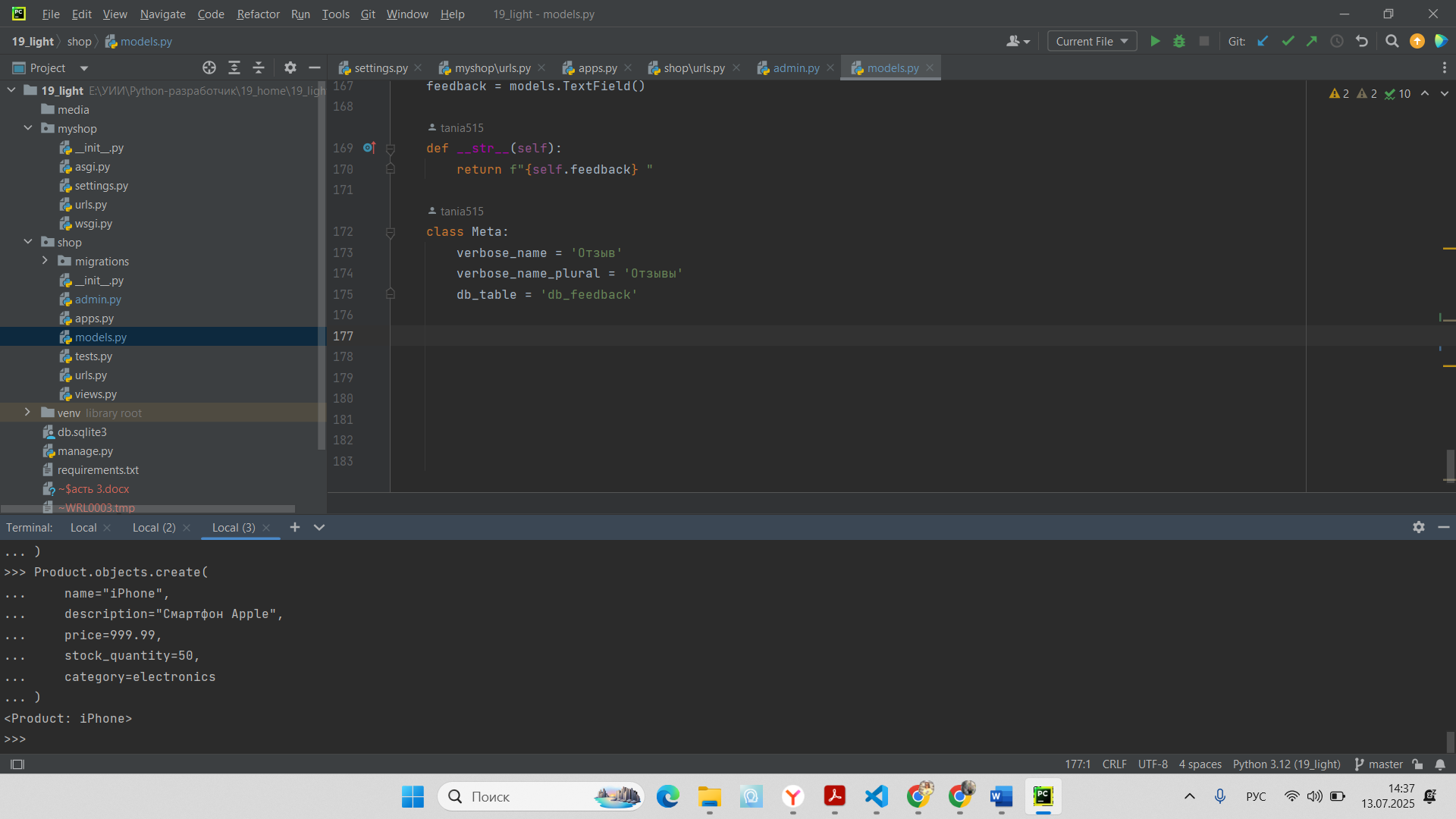
description="Ноутбук Apple",

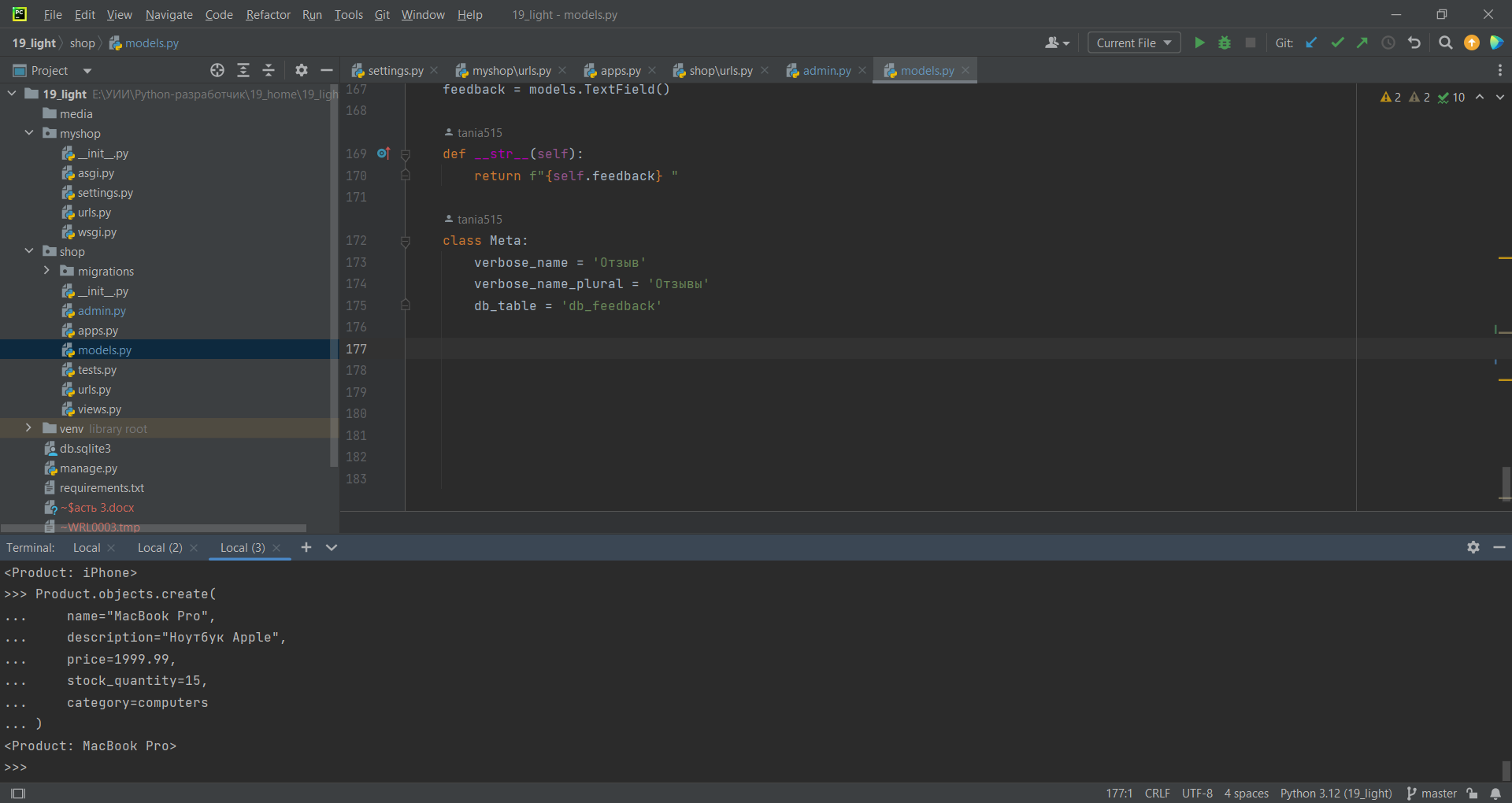
price=1999.99,

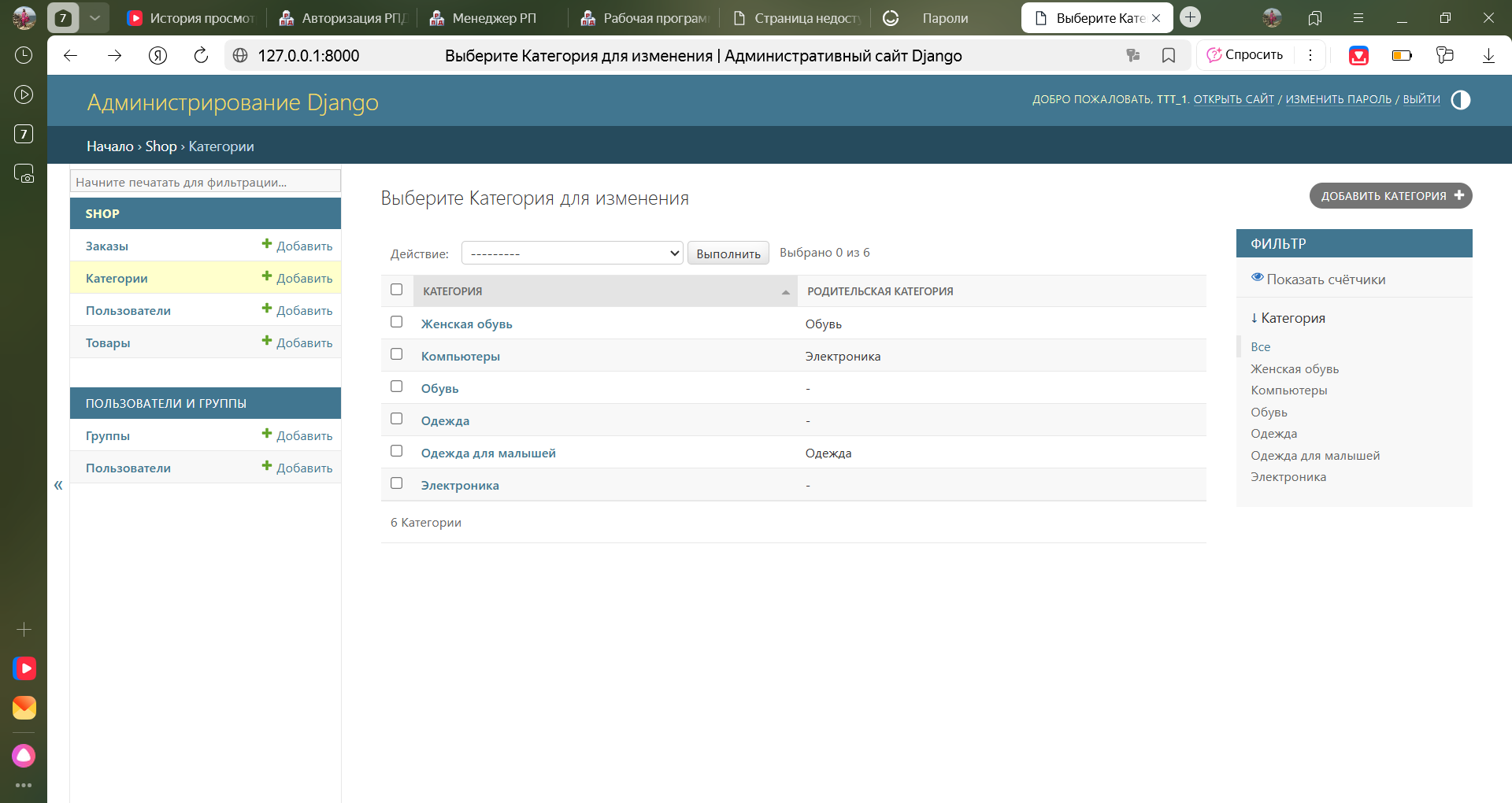
stock\_quantity=15,

category=computers

)







from shop.models import Person, Product, Order, OrderItem

user = CustomUser.objects.create(

email="106@yandex.ru",

password="106\_12345678",

)

order = Order.objects.create(owner=user, total=0)

iphone = Product.objects.get(name="iPhone")

macbook = Product.objects.get(name="MacBook Pro")

OrderItem.objects.create(

item=iphone,

order\_item=order,

product\_quantity=2

)

OrderItem.objects.create(

item=macbook,

order\_item=order,

product\_quantity=1

)

2. Запросы

products = Product.objects.filter(category\_\_name="Электроника")

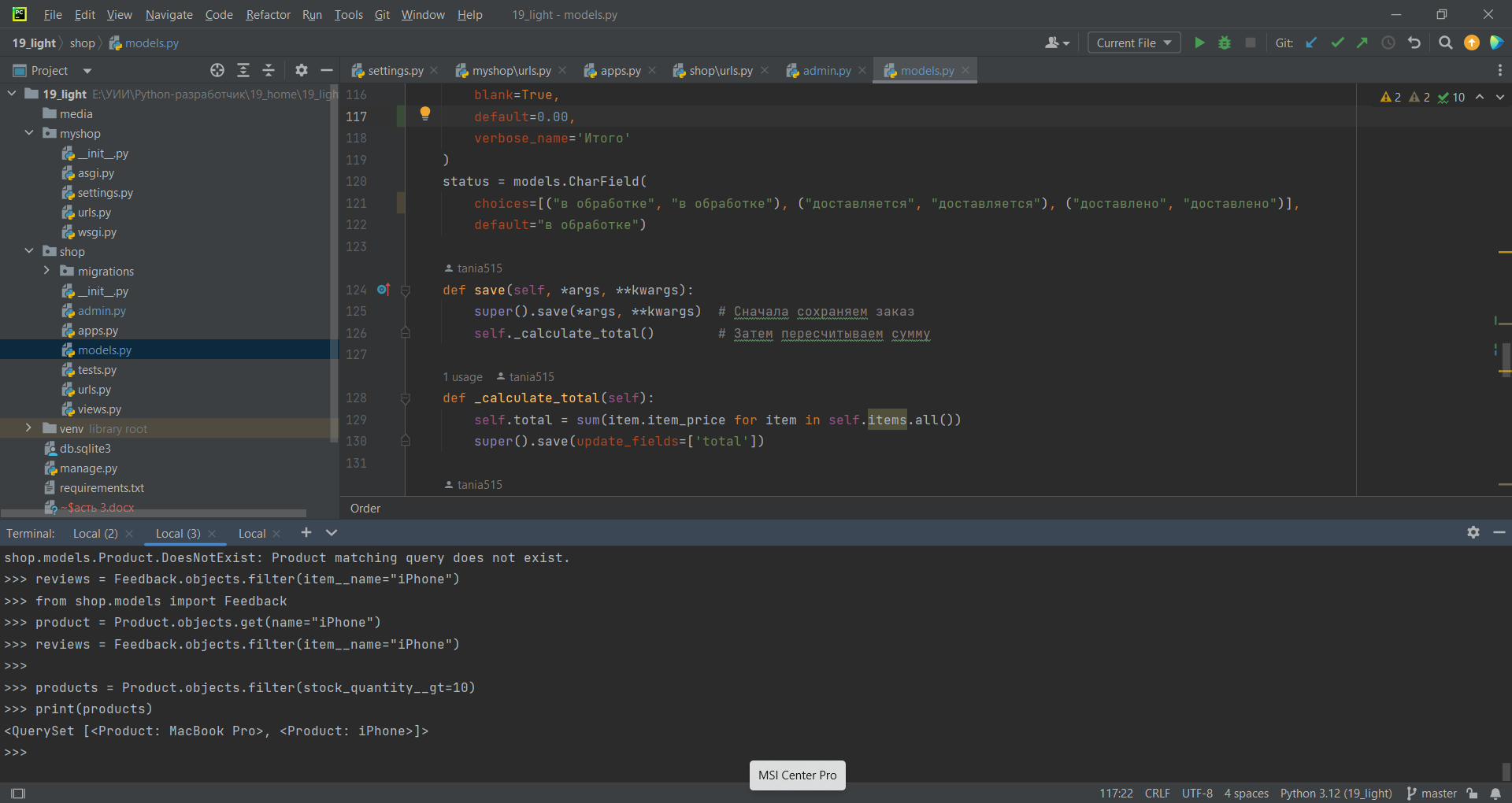
orders = user.orders.all()

from shop.models import Feedback

product = Product.objects.get(name="iPhone")

reviews = Feedback.objects.filter(item\_\_name="iPhone")

products = Product.objects.filter(stock\_quantity\_\_gt=10)



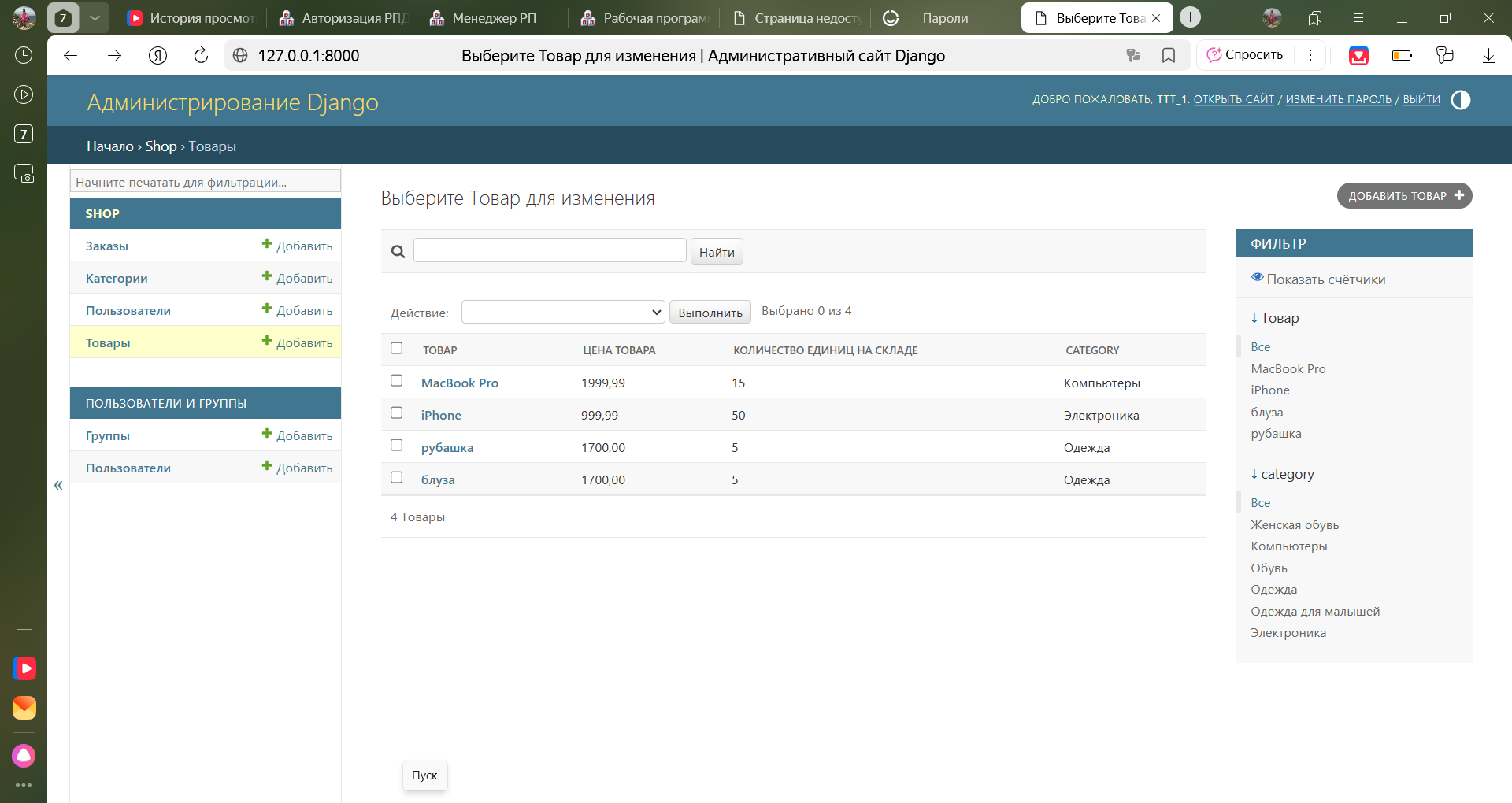
from django.contrib.auth import get\_user\_model

User = get\_user\_model()

user = User.objects.get(email='106@yandex.ru')

user.is\_active = True

user.save()



from django.contrib.auth import login

from django.contrib.auth.models import User

from django.test import RequestFactory

*# Создаем тестовый запрос*

factory = RequestFactory()

request = factory.get('/')

request.session = {}

*# Получаем пользователя (например, с ID=1)*

user = User.objects.get(email=”102@yandex.ru”)

*# Логиним*

login(request, user)

*# Проверяем*

print(request.user.is\_authenticated) *# Должно быть True*