

Online Shop

In this laboratory work you have to start preparing an API for your app from [Lab 5](#).

Create a django project with the name “**shop-back**”.

1. Project contains application with name - **api**
2. You have model with following fields:
 - a. **Product**
 - i. name - CharField
 - ii. price - FloatField
 - iii. description - TextField
 - iv. count - IntegerField
 - v. is_active - BooleanField
 - b. **Category**
 - i. name - CharField
3. Write API endpoints with JSON format:
 - a. **/api/products** - List of all Products
 - b. **/api/products/<int:id>/** - Get one Product
 - c. **/api/categories/** - List of all Categories
 - d. **/api/categories/<int:id>/** - Get one Category
 - a. **/api/categories/<int:id>/products/** - List of Products by Category

Useful links

1. [Regular Expressions in URL](#)
2. [How Django Processes a Request](#)
3. [Configuring the Database](#)

GOOD LUCK :)