Topic: 16. DRF Searching

Speaker: Personal | Notebook: API Development using Django Framework

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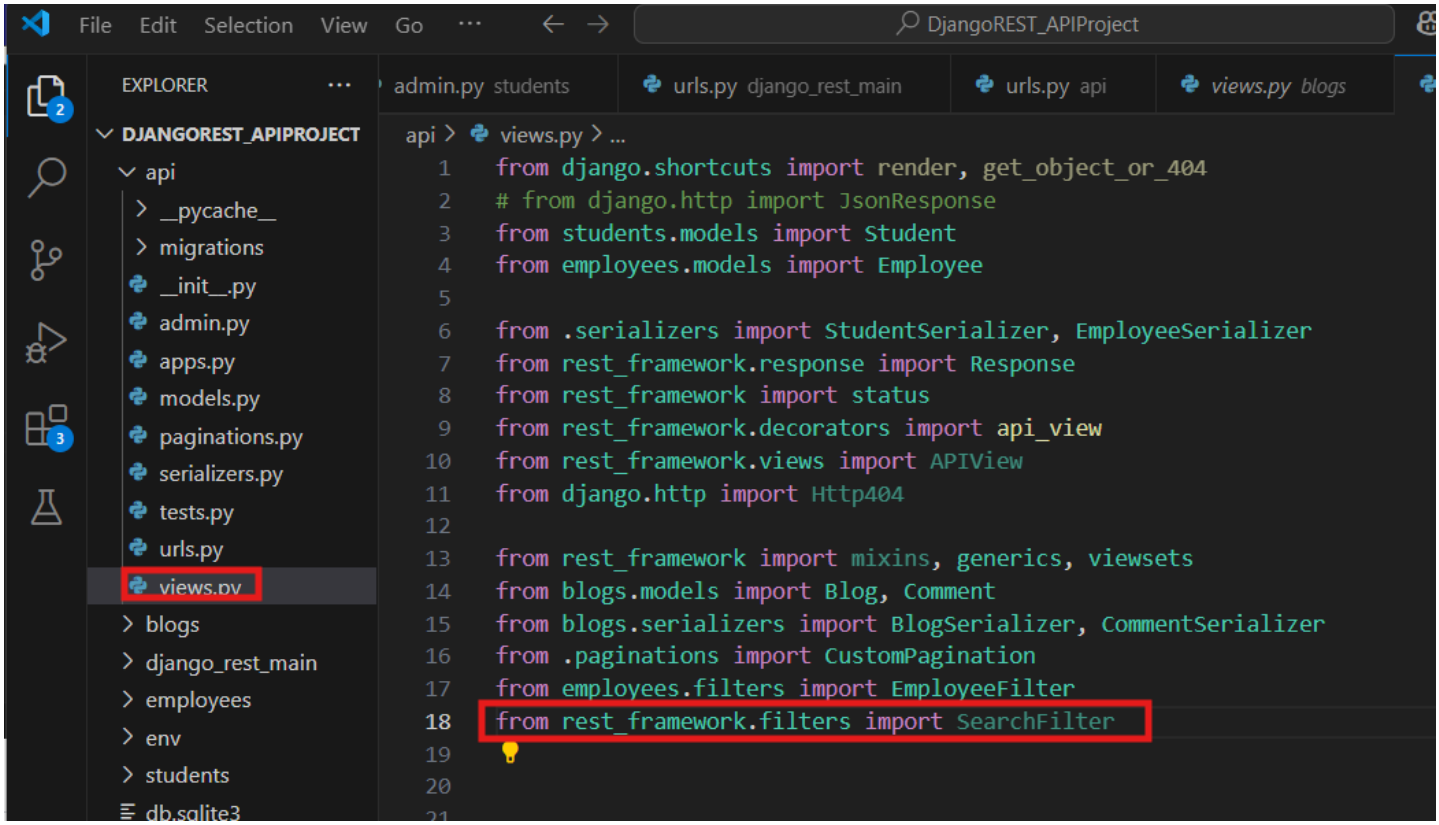
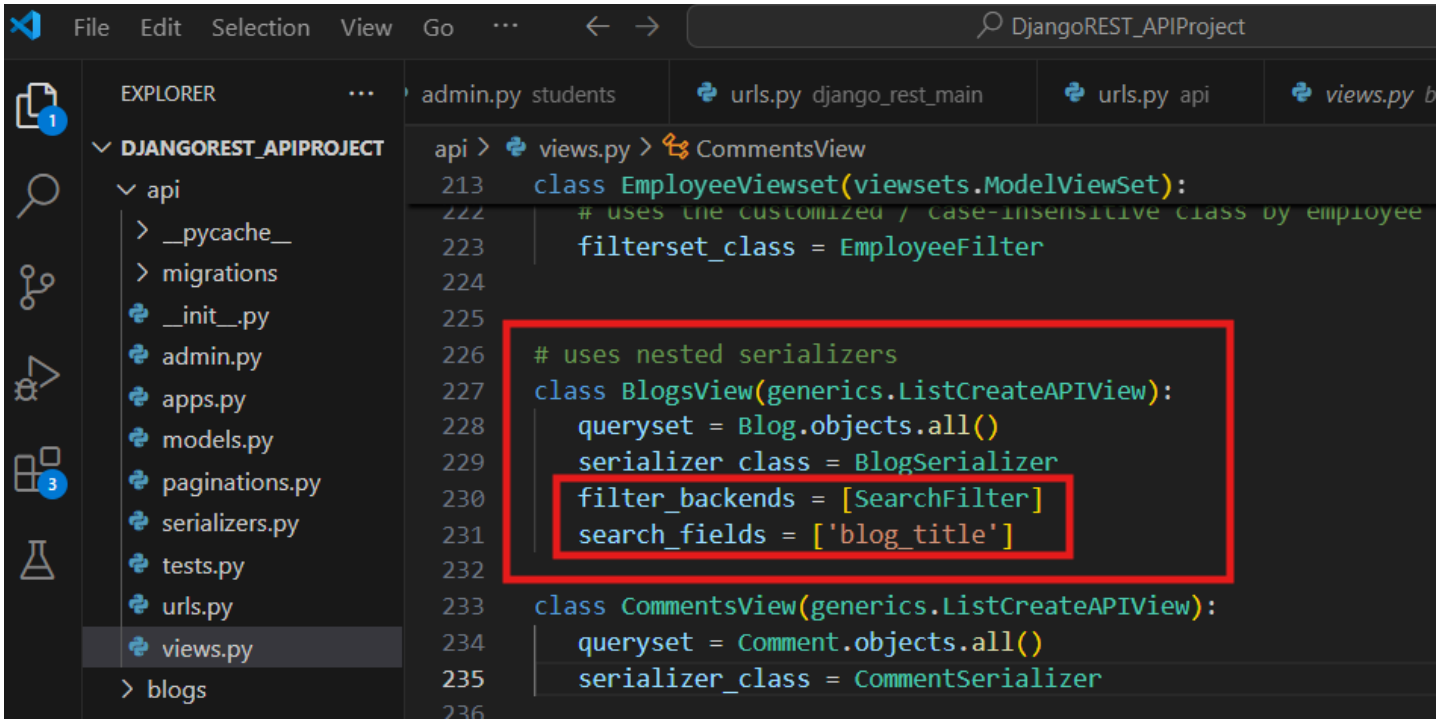
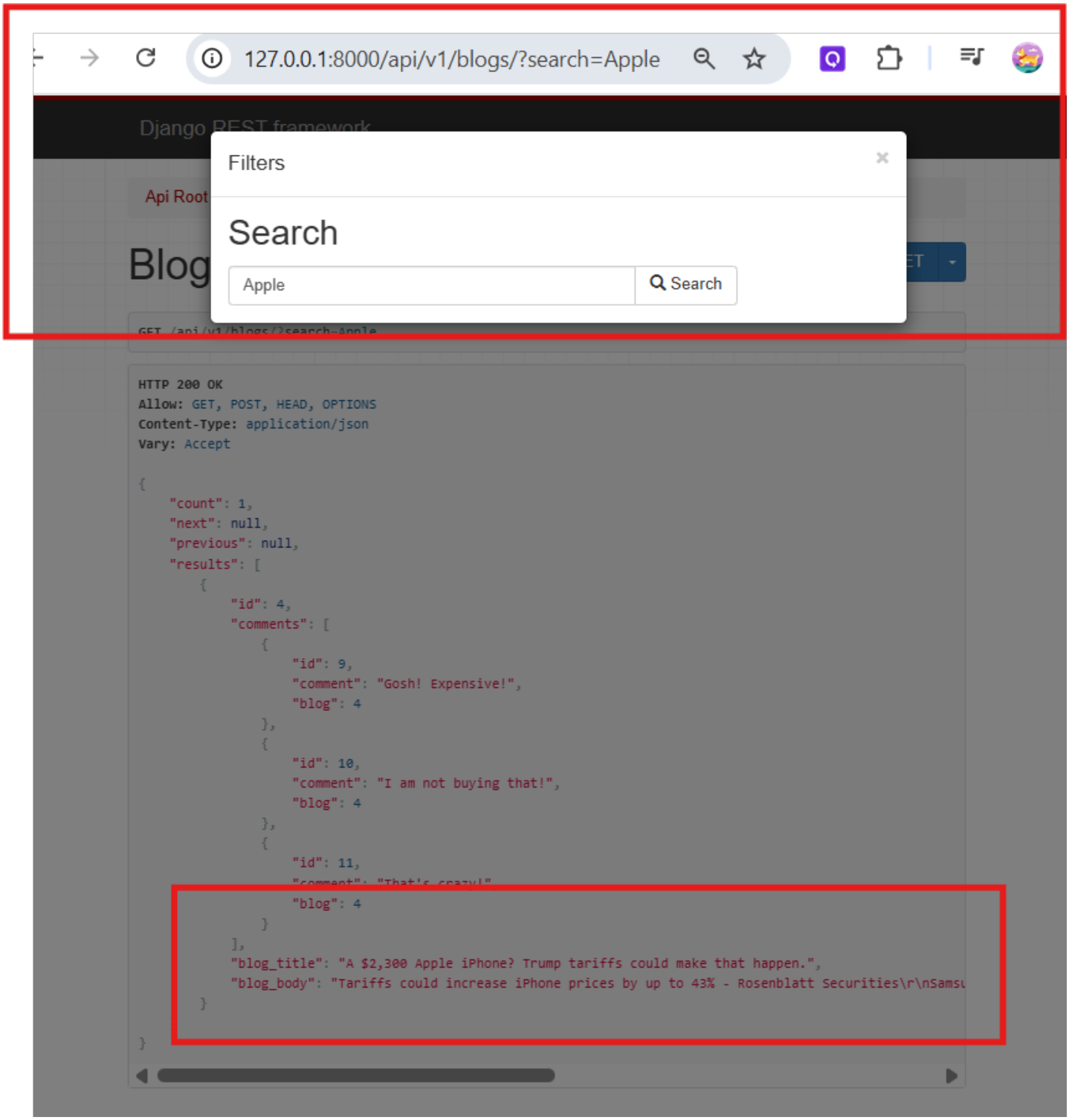
We can search through the database fields like BLOGS' title or comments.

1. Go to API\VIEWS.PY:

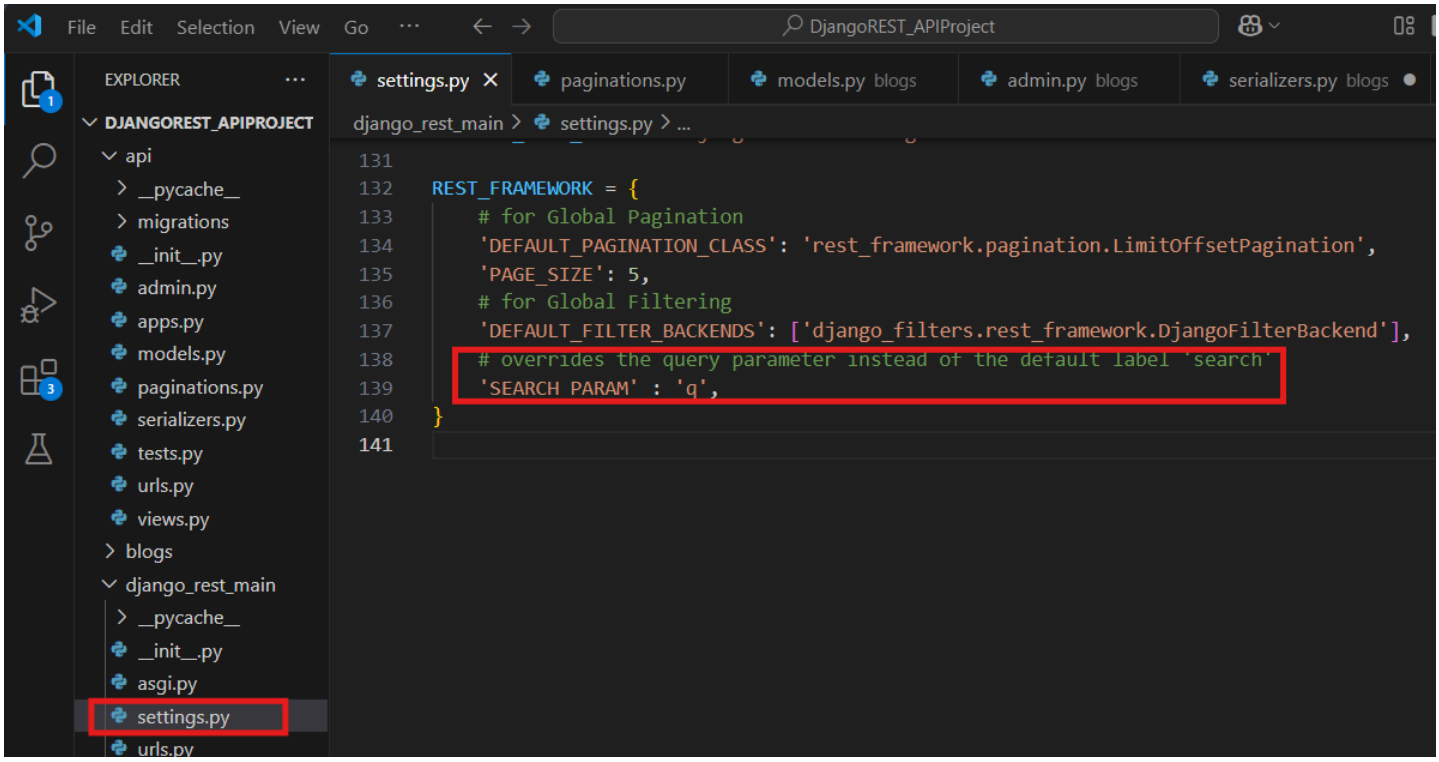




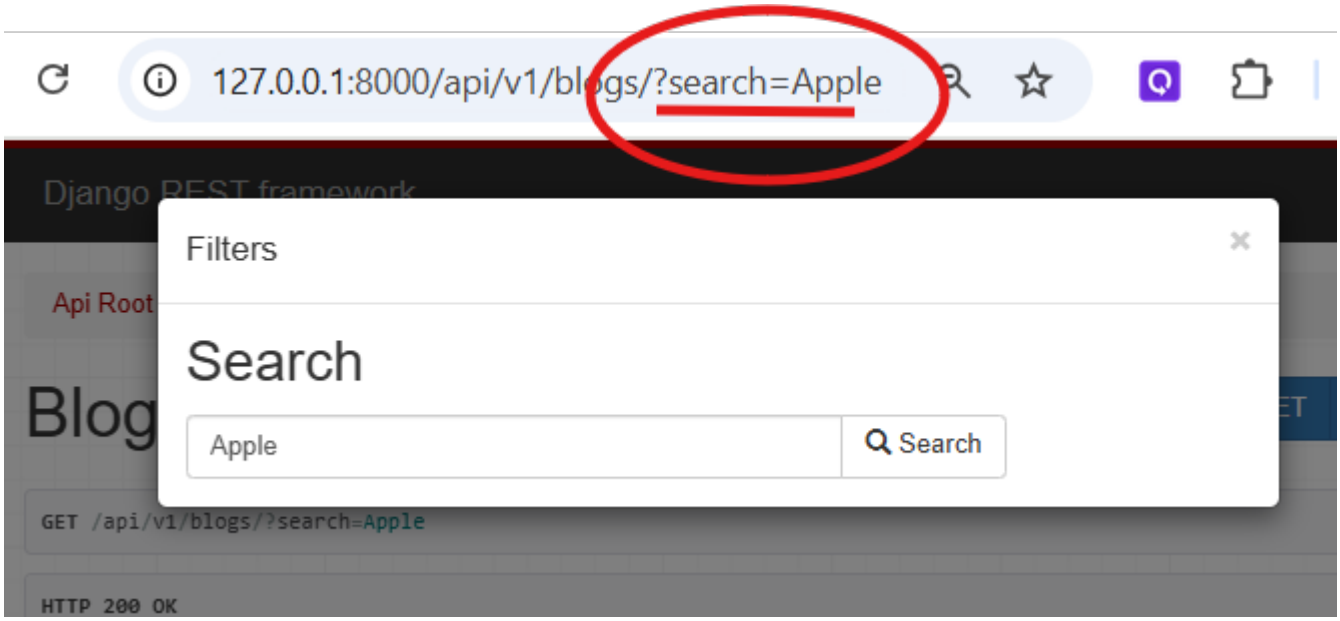
2. Now search thru BLOGS model:



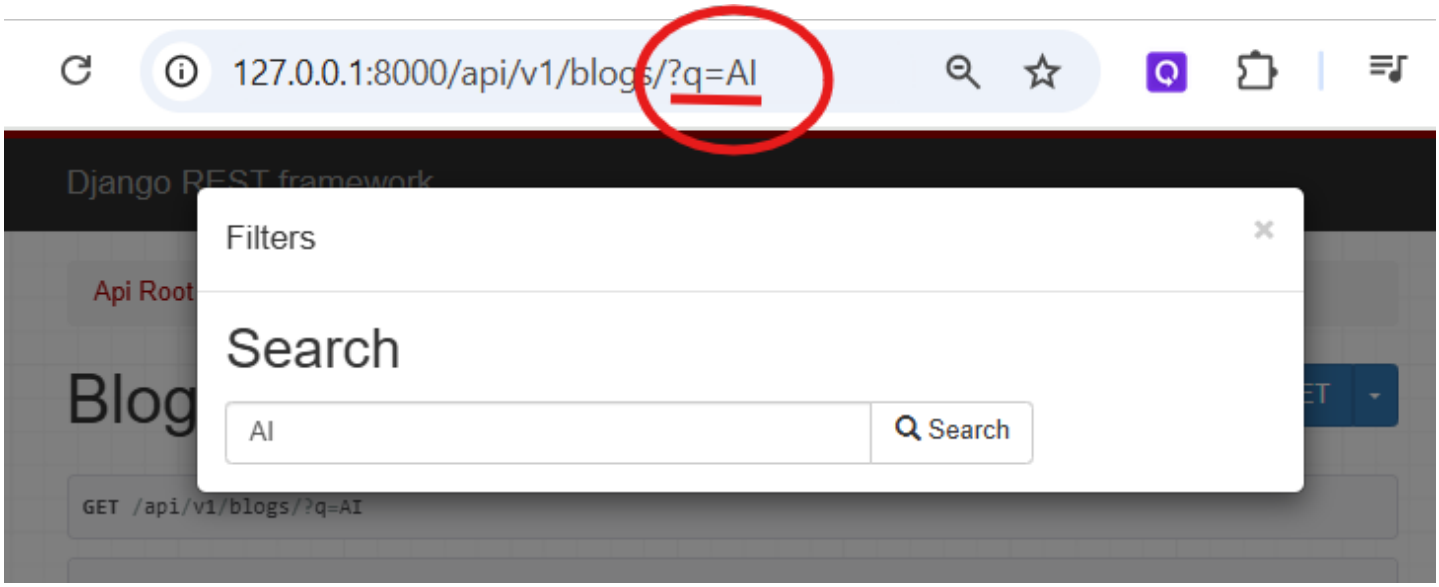
3. If you want to change the search keyword 'search' to 'q,' then update the SETTINGS.PY


File Edit Selection View Go
DjangoREST_APIProject
EXPLORER
settings.py
paginations.py
models.py blogs
admin.py blogs
serializers.py blogs
DJANGOREST_APIPROJECT
api
__pycache__
migrations
__init__.py
admin.py
apps.py
models.py
paginations.py
serializers.py
tests.py
urls.py
views.py
blogs
django_rest_main
__pycache__
__init__.py
asgi.py
settings.py
urls.py
django_rest_main > settings.py > ...
131
132 REST_FRAMEWORK = {
133 # for Global Pagination
134 'DEFAULT_PAGINATION_CLASS': 'rest_framework.pagination.LimitOffsetPagination',
135 'PAGE_SIZE': 5,
136 # for Global Filtering
137 'DEFAULT_FILTER_BACKENDS': ['django_filters.rest_framework.DjangoFilterBackend'],
138 # overrides the query parameter instead of the default label 'search'
139 'SEARCH_PARAM' : 'q',
140 }
141

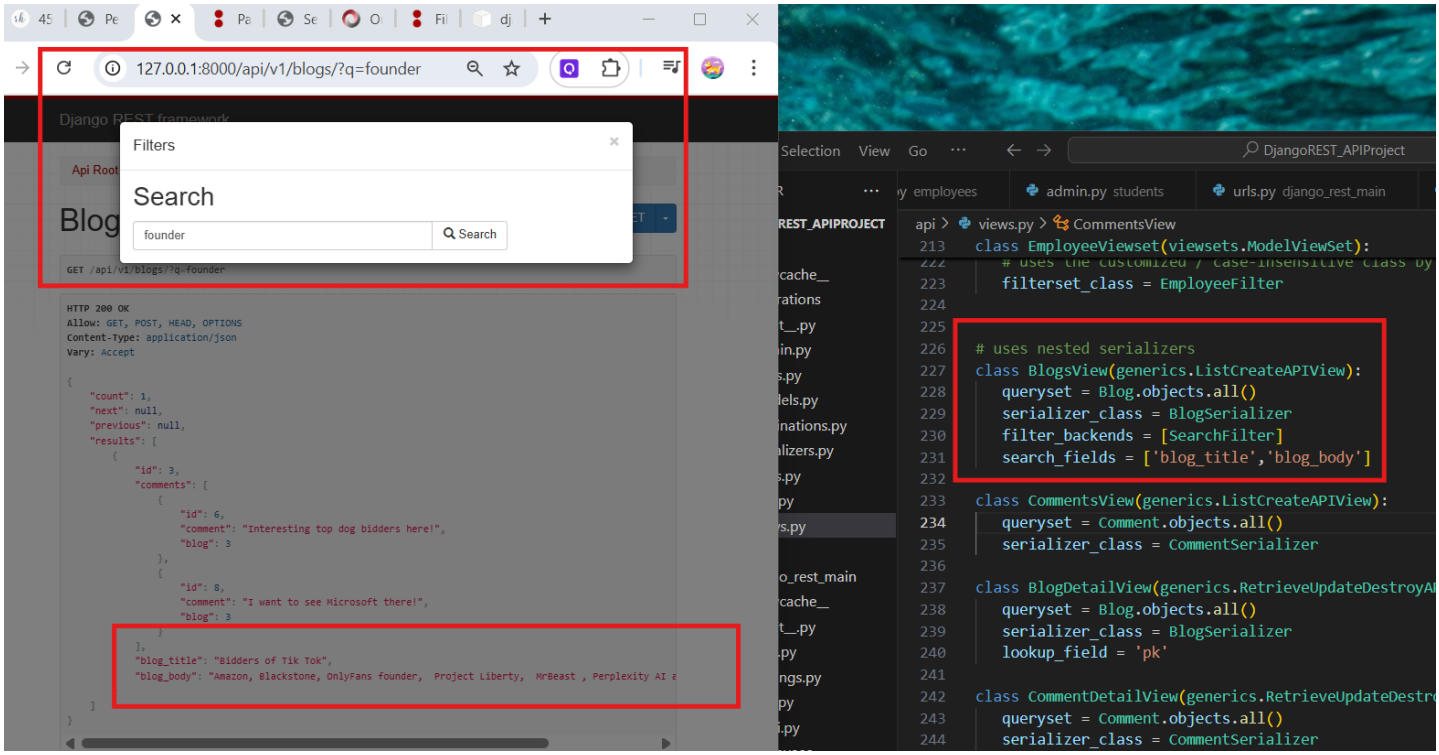
FROM:


127.0.0.1:8000/api/v1/blogs/?search=Apple
Django REST framework
Filters
Api Root
Search
Apple
Search
GET /api/v1/blogs/?search=Apple
HTTP 200 OK

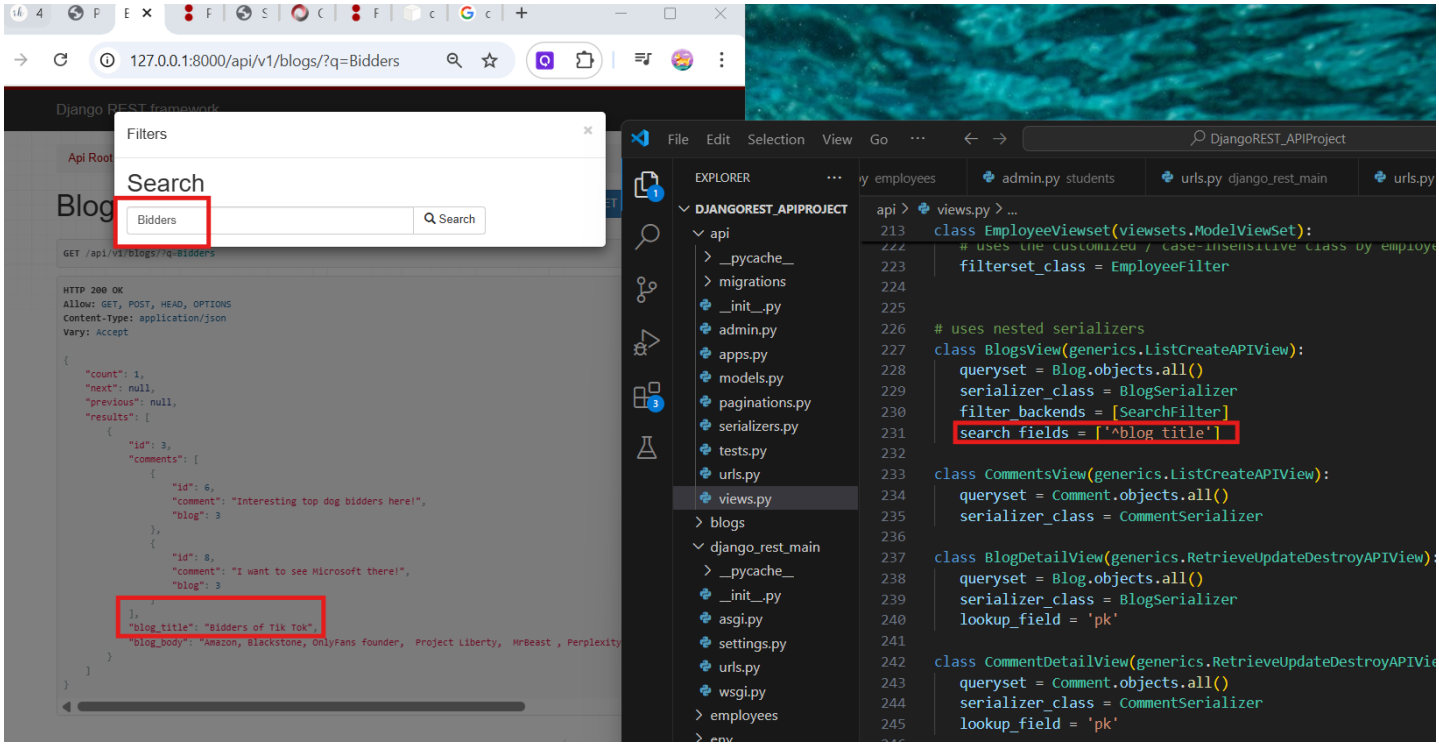
TO:



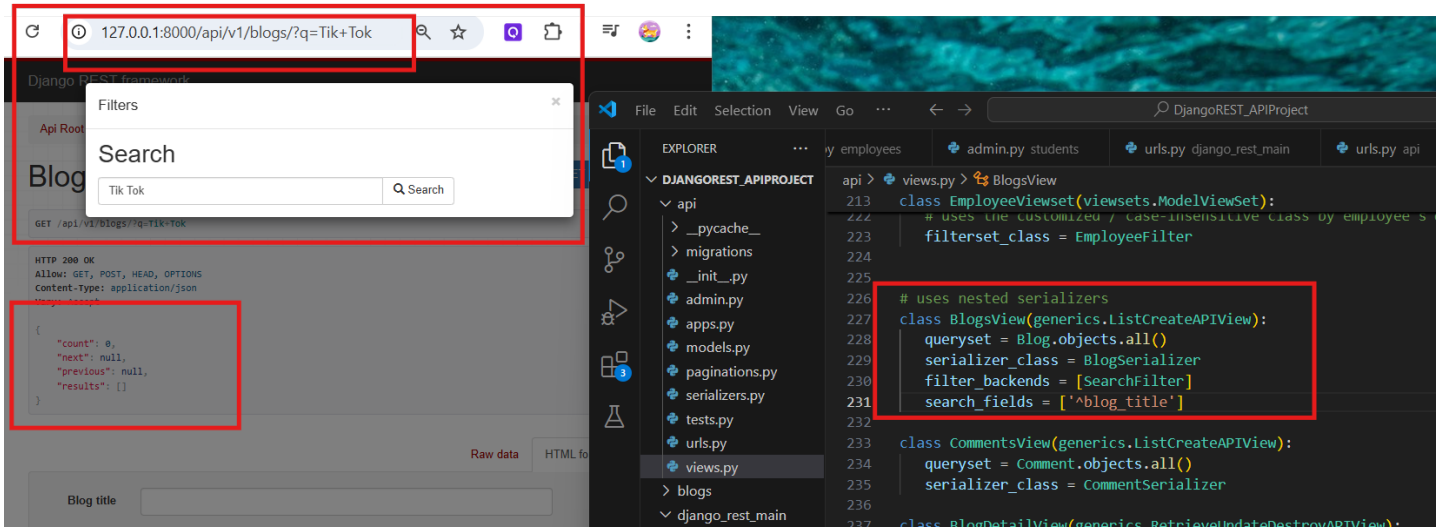
4. To search through the BLOG_BODY:



5. To search for a blog title that starts with a specific keyword, use the caret symbol (^).



But when you use a keyword, not the actual starting word, it won't show any result.



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