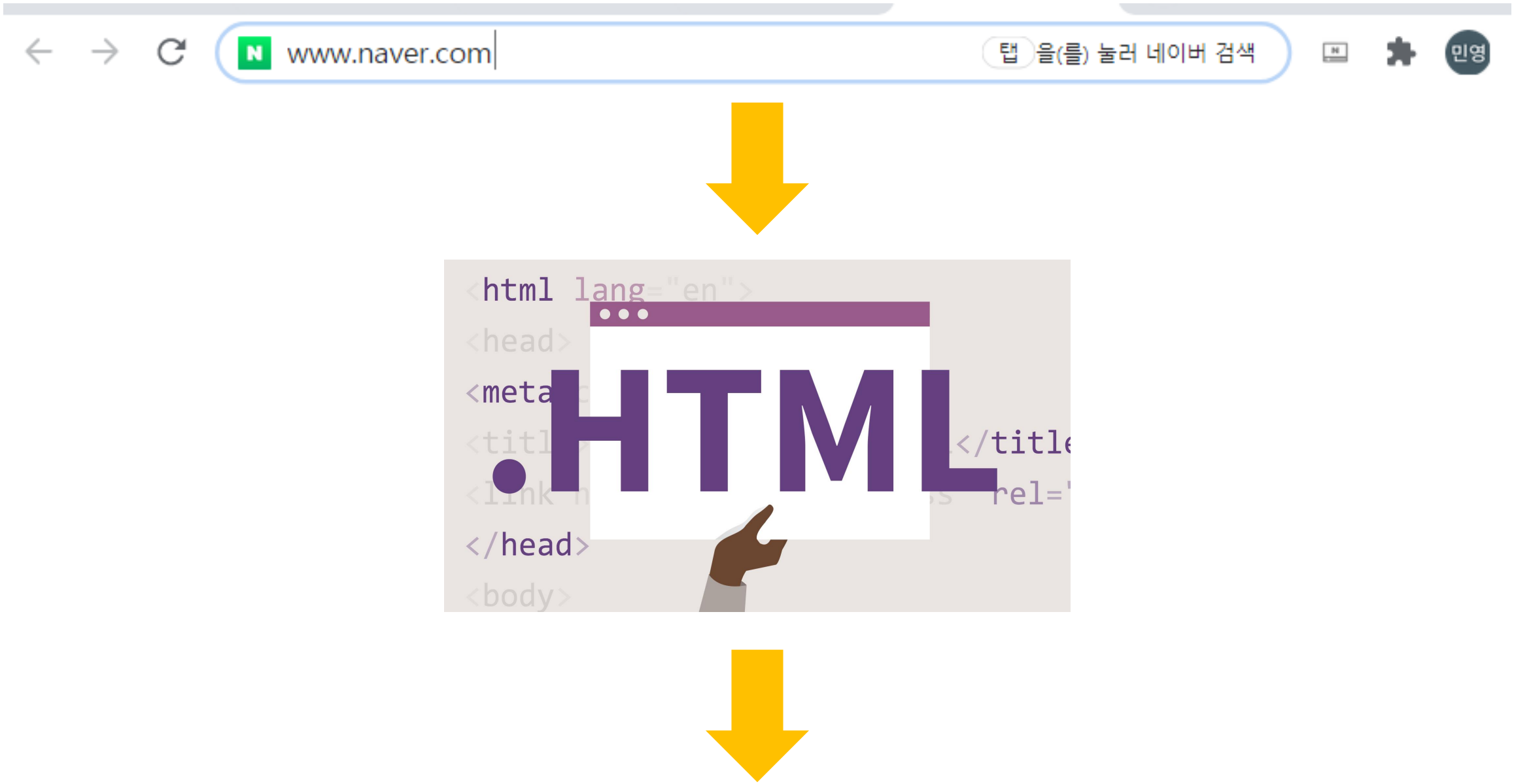
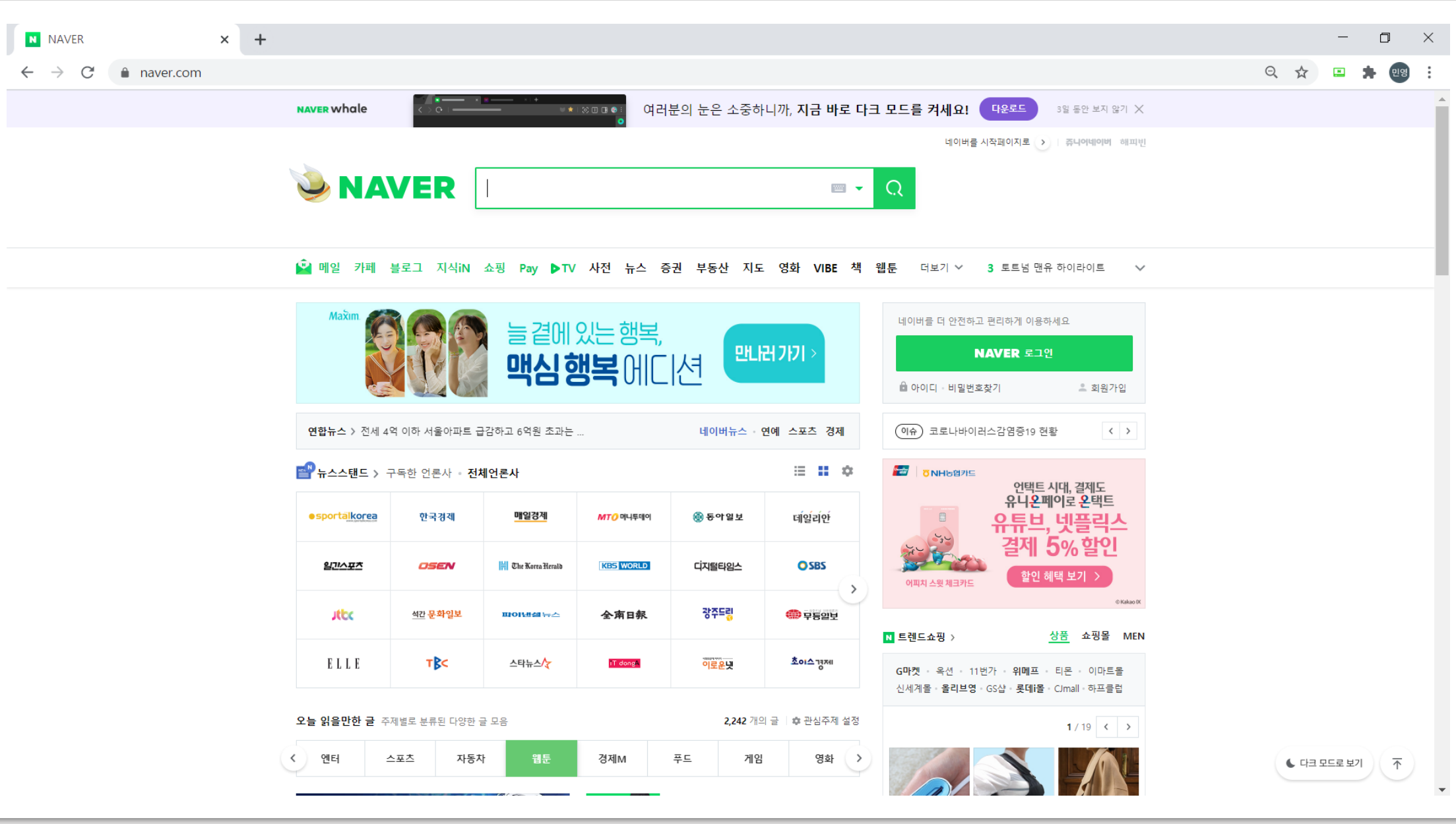
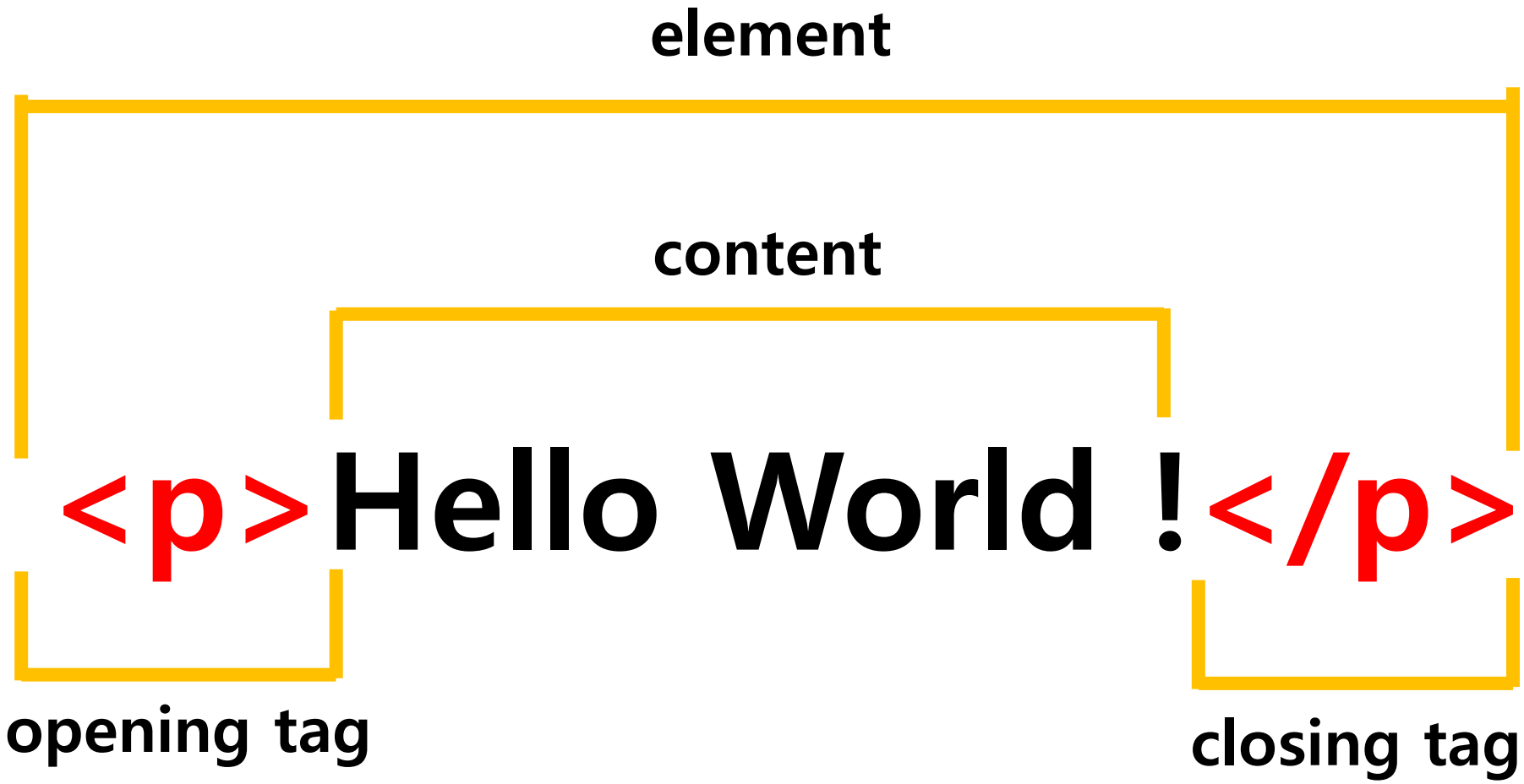
HTML, CSS

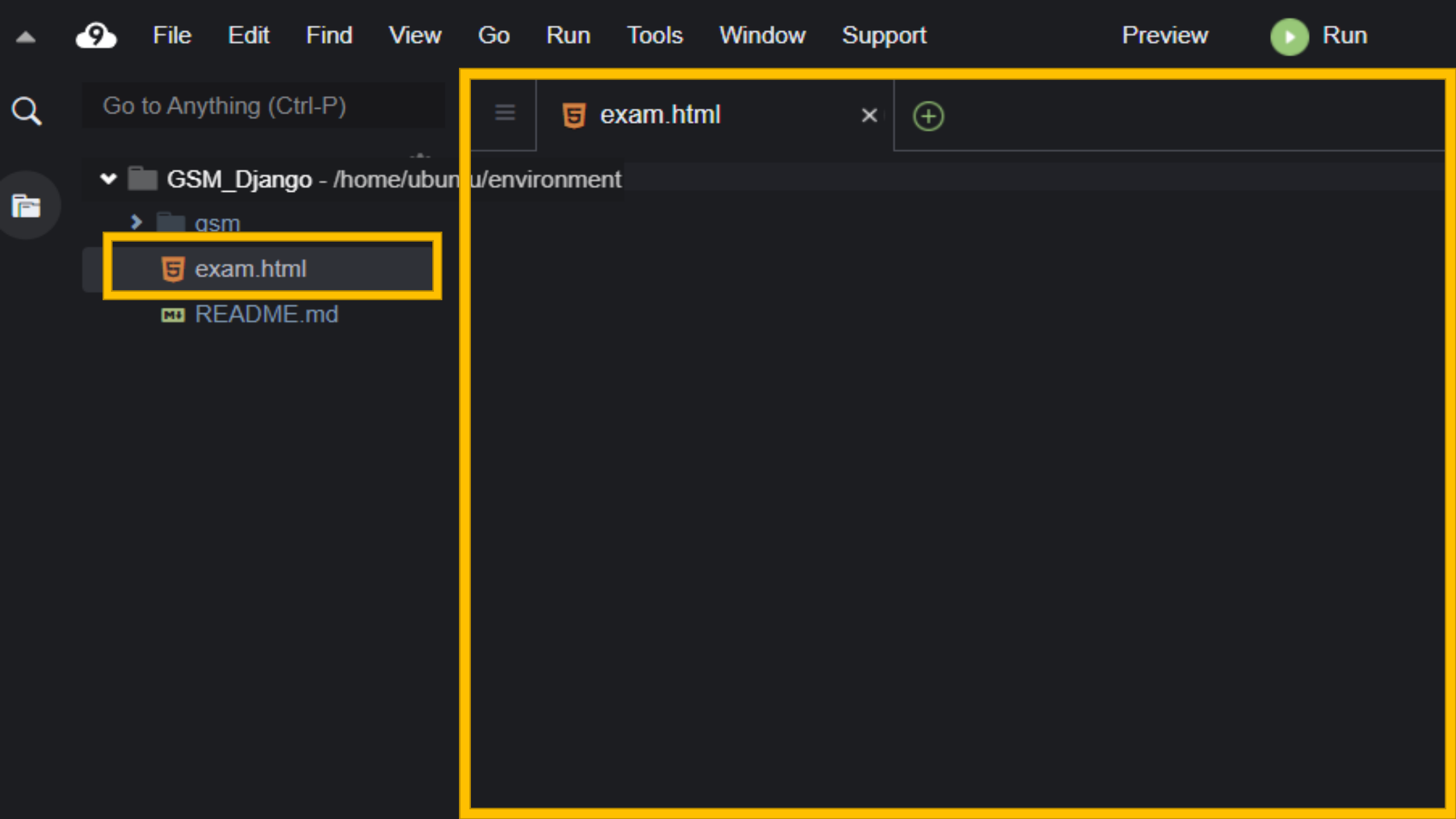
Hyper Text Markup Language


www.naver.com
탭 을(를) 눌러 네이버 검색
민영
<html lang="en">
<head>
<meta
<titl
</title
<link
rel="
</head>
<body>
.HTML

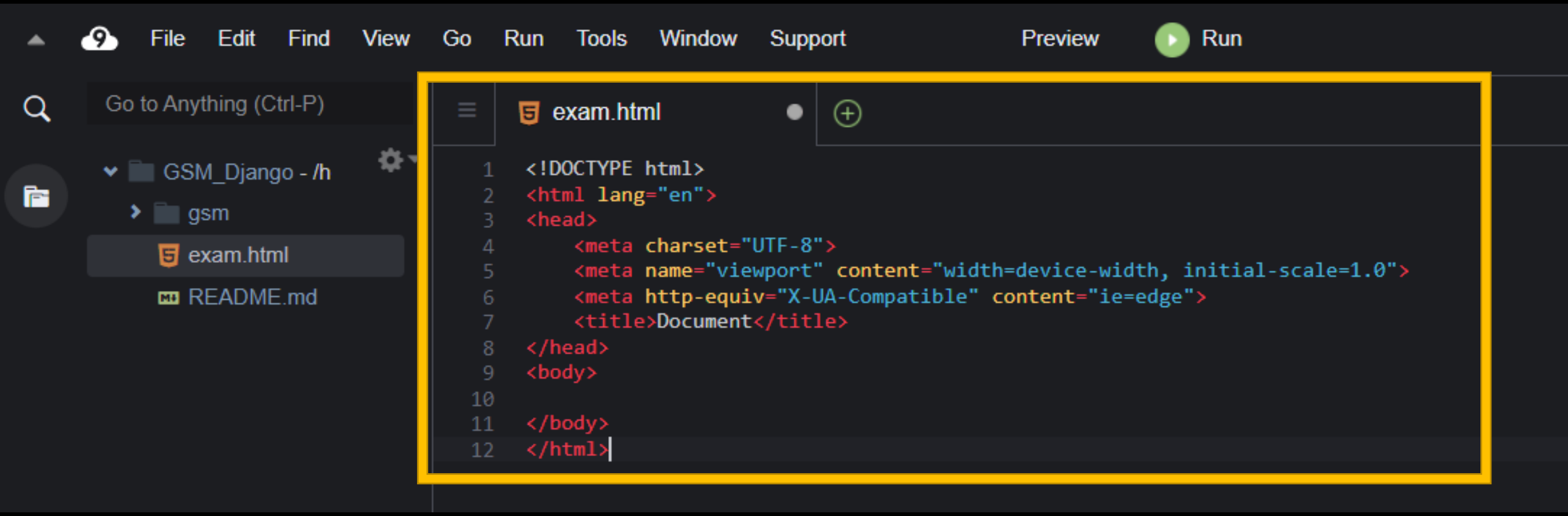

NAVER
naver.com
NAVER whale
여러분의 눈은 소중하니까, 지금 바로 다크 모드를 켜세요!
다운로드
3일 동안 보지 않기
네이버를 시작페이지로
NAVER
메일 카페 블로그 지식iN 쇼핑 Pay TV 사전 뉴스 증권 부동산 지도 영화 VIBE 책 웹툰 더보기
3 토트넘 맨유 하이라이트
Maxim
늘 곁에 있는 행복,
맥심 행복에디션
만나러 가기
네이버를 더 안전하고 편리하게 이용하세요
NAVER 로그인
아이디 · 비밀번호찾기
회원가입
연합뉴스 > 전세 4억 이하 서울아파트 급감하고 6억원 초과는 ...
네이버뉴스 · 연예 스포츠 경제
이슈 코로나바이러스감염증19 현황
뉴스스탠드 > 구독한 언론사 · 전체언론사
NH농협카드
언택트 시대, 결제도
유니온페이로 온택트
유튜브, 넷플릭스
결제 5% 할인
할인 혜택 보기
어피치 스윗 체크카드
트렌드쇼핑 >
상품 쇼핑몰 MEN
G마켓 · 옥션 · 11번가 · 위메프 · 티몬 · 이마트몰
신세계몰 · 올리브영 · GS샵 · 롯데iMall · CJmall · 하프클럽
1 / 19
오늘 읽을만한 글 주제별로 분류된 다양한 글 모음
2,242 개의 글
관심주제 설정
엔터 스포츠 자동차 웹툰 경제M 푸드 게임 영화
다크 모드로 보기

index.html


element
content
Hello World !
opening tag
closing tag


File
Edit
Find
View
Go
Run
Tools
Window
Support
Preview
Run
Go to Anything (Ctrl-P)
GSM_Django - /home/ubuntu/environment
gsm
exam.html
README.md
exam.html

! + Tab = html 기본틀 생성



그 외 단축키 : https://docs.emmet.io/cheat-sheet/

Go Run Tools Window Support Preview Run

exam.html

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <meta http-equiv="X-UA-Compatible" content="ie=edge">
7      <title>Document</title>
8  </head>
9  <body>
10
11 </body>
12 </html>
```

이 문서는 HTML5 형식임을 알려줌

Go Run Tools Window Support Preview Run

exam.html

head에는 홈페이지의 기본 설정 정보들이 들어감

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <meta http-equiv="X-UA-Compatible" content="ie=edge">
7      <title>Document</title>
8  </head>
9  <body>
10
11 </body>
12 </html>
```

Go Run Tools Window Support Preview Run

exam.html

```
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width, initial-scale=1.0">
6      <meta http-equiv="X-UA-Compatible" content="ie=edge">
7      <title>Document</title>
8  </head>
9  <body>
10
11 </body>
12 </html>
```

우리 눈에 보이는 모든 것들은 body에 들어감

Attribute

```
<a href="http://www.gsm.hs.kr" >GSM</a>
<p name = "value"></p>
<p id = "my_id"></p>
<p class = "my_class"></p>
```

```
<a href="http://www.gsm.hs.kr" >GSM</a>

<img src="gsm.jpg"/>
<img src="gsm.jpg"></img>

<input type="text" name="id_input" value="something"/>
```

```
<h1>h1은 가장 중요한 제목, 한페이지에 하나</h1>
<h2>제목 태그는 1~6까지 숫자가 낮을수록 중요</h2>
<h3>h1,h2,h3 .. 은 순서대로 써야함</h3>
<h4>제목 태그의 적절한 사용은 페이지의 유용성과</h4>
<h5>페이지의 SEO 효과를 올림</h5>
<h6>SEO = Search Engine Optimization, 검색엔진 최적화</h6>
```

h1은 가장 중요한 제목, 한페이지에 하나

제목 태그는 1~6까지 숫자가 낮을수록 중요

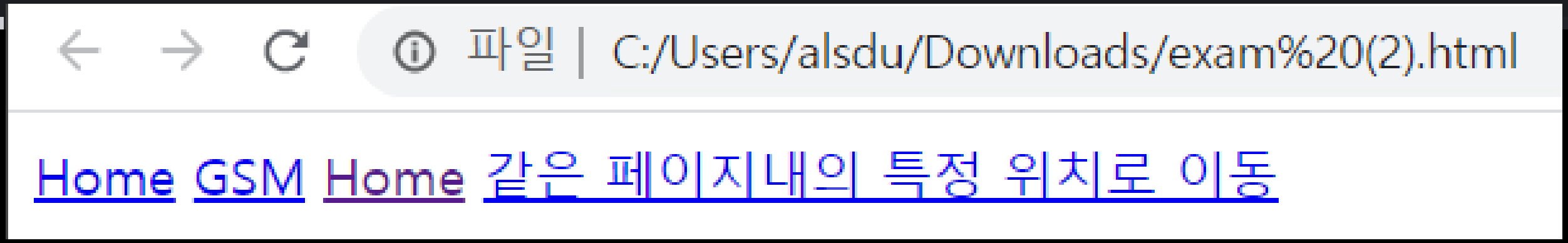
h1,h2,h3 .. 은 순서대로 써야함

제목 태그의 적절한 사용은 페이지의 유용성과

페이지의 SEO 효과를 올림

SEO = Search Engine Optimization, 검색엔진 최적화

```html
<a href="home.html">Home</a>
<a href="gsm.html">GSM</a>
<a href="http://www.gsm.hs.kr" target="_blank">Home</a>
<a href="#bottom">같은 페이지내의 특정 위치로 이동</a>
```



- Id 기반 같은 페이지 내의 특정 위치로 이동
- 다른 페이지로 이동
- targer = 링크를 현재페이지에 띄울지 / 새창에서 띄울지
- href 속성 사용

```
<ol>
    <li>민영쌤과 함께하는</li>
    <li>즐거운</li>
    <li>프그래밍</li>
</ol>

<ul>
    <li>파이썬과</li>
    <li>장고를</li>
    <li>열심히 !</li>
</ul>
```

1. 민영쌤과 함께하는
2. 즐거운
3. 프그래밍

- 파이썬과
- 장고를
- 열심히 !

```
<img src="Snoopy_in_dogmax.png" alt="noopy_in_dogmax" />
<img src="photos/sleeping_snoopy.png" alt="sleeping_snoopy" />
<img src="https://stickershop.line-scdn.net/main.png" alt="snoopy" />
<img src="no_snoopy.png" alt="cute_snoopy" />
```

cute_snoopy

```
<h3>저는</h3>
<h3>블록</h3>
<h3>태그입니다.</h3>

<a href="https://www.facebook.com">저는</a>
<a href="https://www.facebook.com">인라인</a>
<a href="https://www.facebook.com">태그입니다.</a>
```

저는

블록

태그입니다.

저는 인라인 태그입니다.

저는

블록

태그입니다.

저는 인라인 태그입니다.

저는

블록

태그입니다.

저는 인라인 태그입니다.

- **Block** 속성을 갖는 태그는 **자신 외에 남은 공간을 모두 차지**하는 욕심쟁이

  div / h1 ~ h6 / p / ul / li / p ...

- **Inline** 속성을 갖는 태그는 **자신의 공간만 차지**

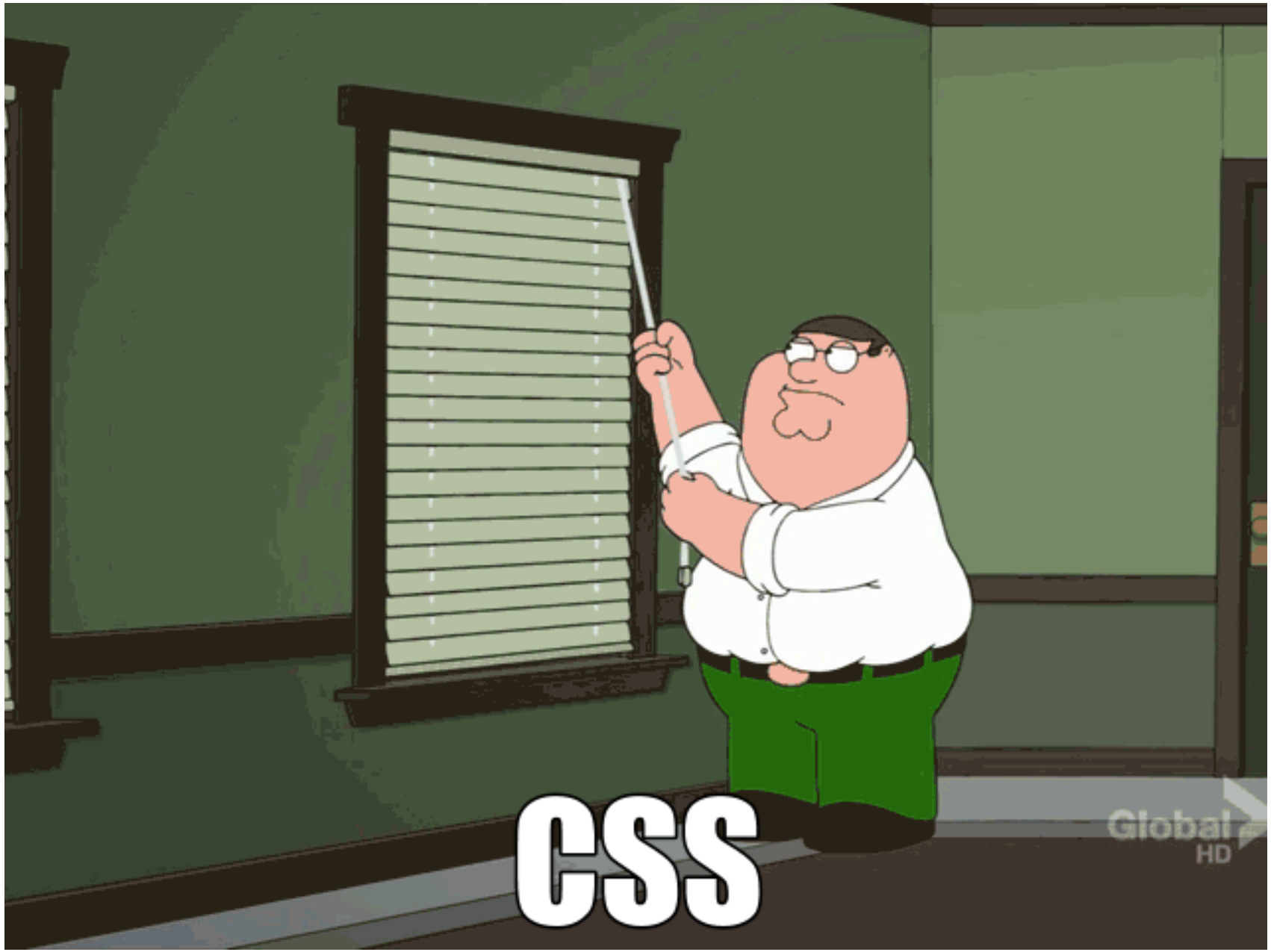
  span / a / img / input ...

- **(중요) 굳이 모든 태그들을 외울 필요는 없습니다**

  https://www.w3schools.com/html/html_blocks.asp

- 브라우저는 HTML 파일을 읽을 때 주석 표시된 부분은 건너뜁니다.
- **주석은 컴퓨터가 아닌 사람을 위해 쓰이는 글**입니다.
  1. Placeholder 역할 (나중에 무엇을 넣을지 메모해놓는...)
  2. 임시로 화면에서 보이지 않게 만드는 역할
  3. “미래의 나”를 포함한 다른 사람들에게 코드를 설명해주는 역할
- **코드 예시 속 초록색 설명들이 주석!**

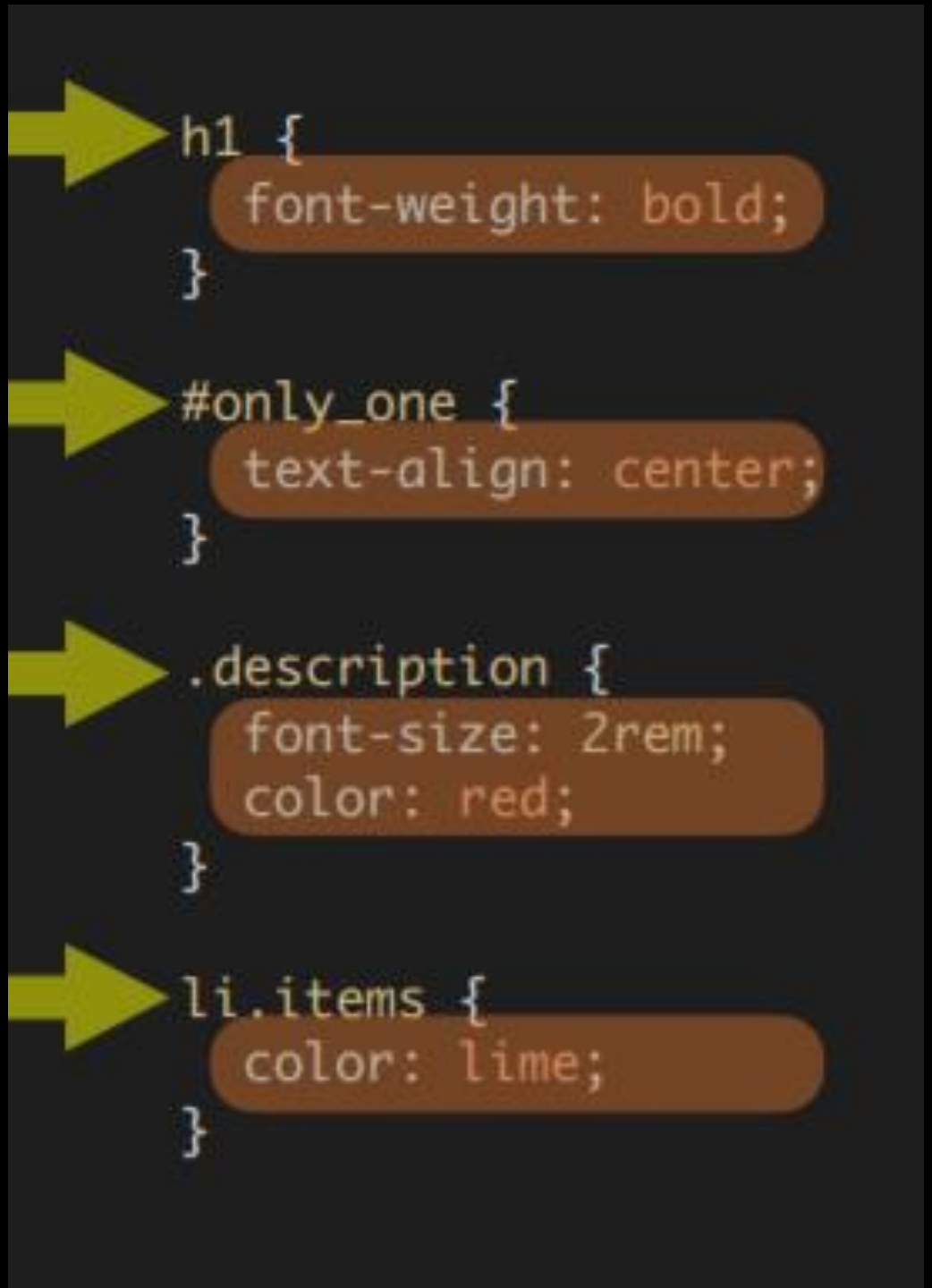
Cascading Style Sheet

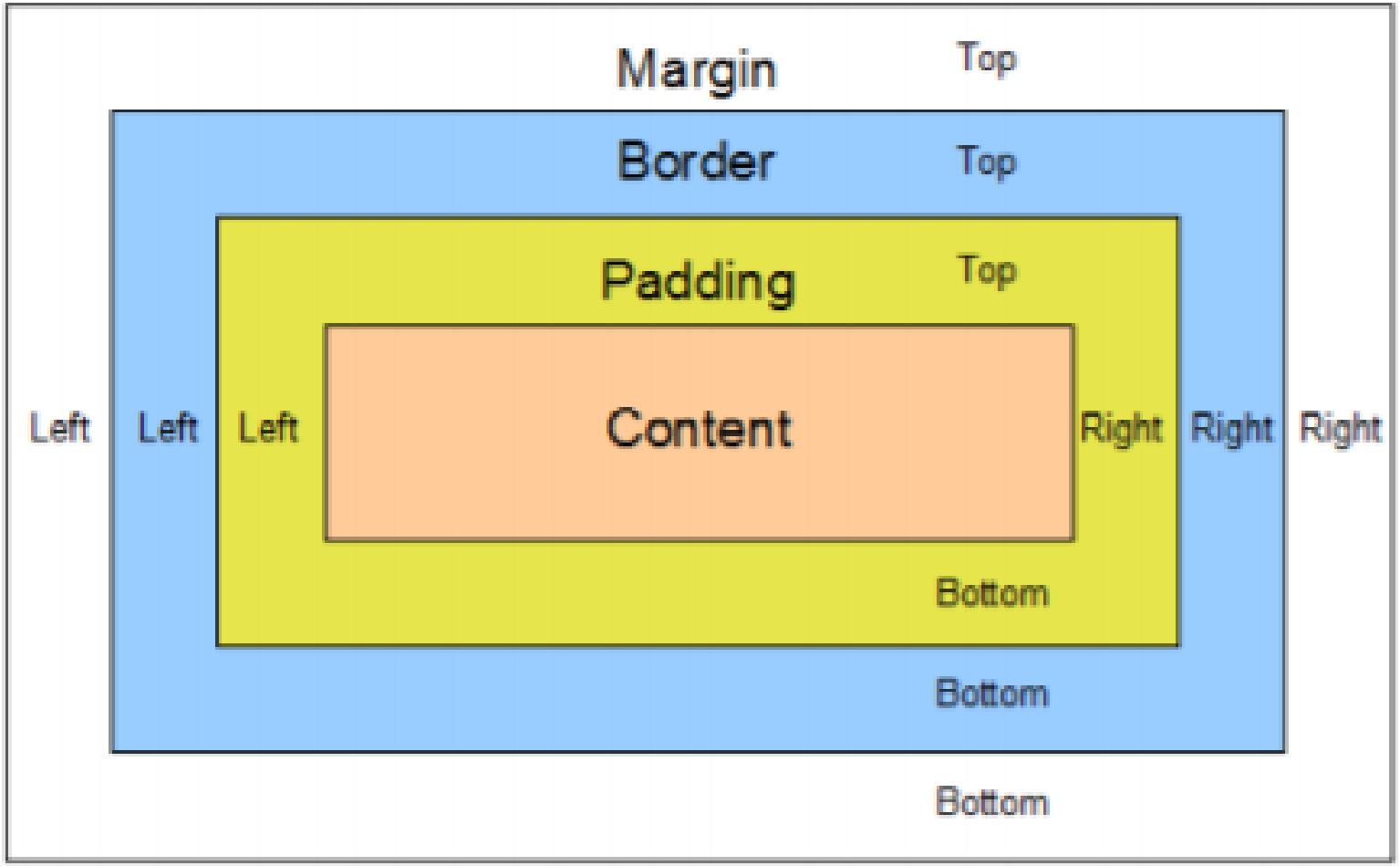

CSS
Global
HD

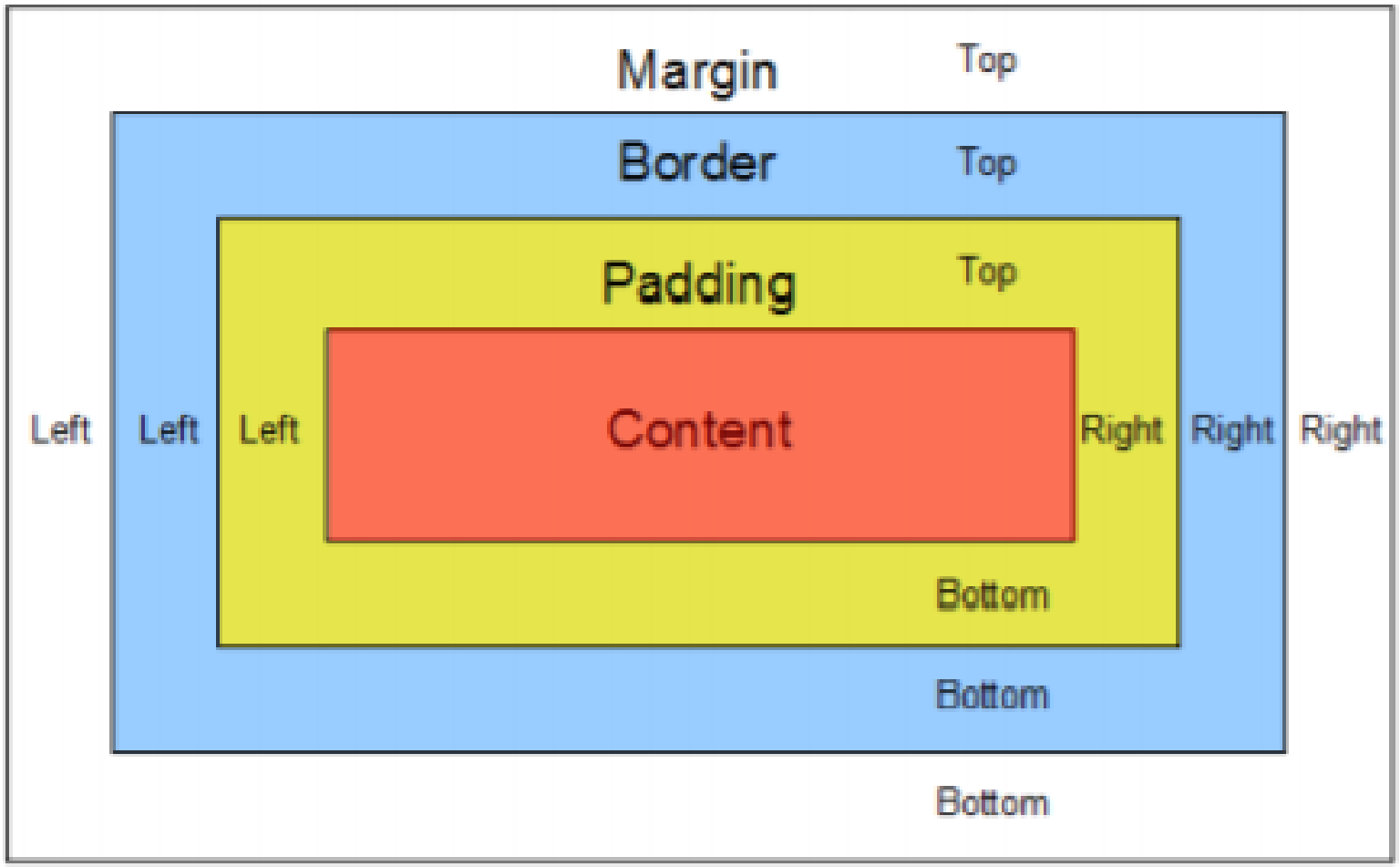
- tag: 해당 태그를 가진 모든 요소에 스타일을 적용

- id: 해당 id를 가진 요소에만 적용

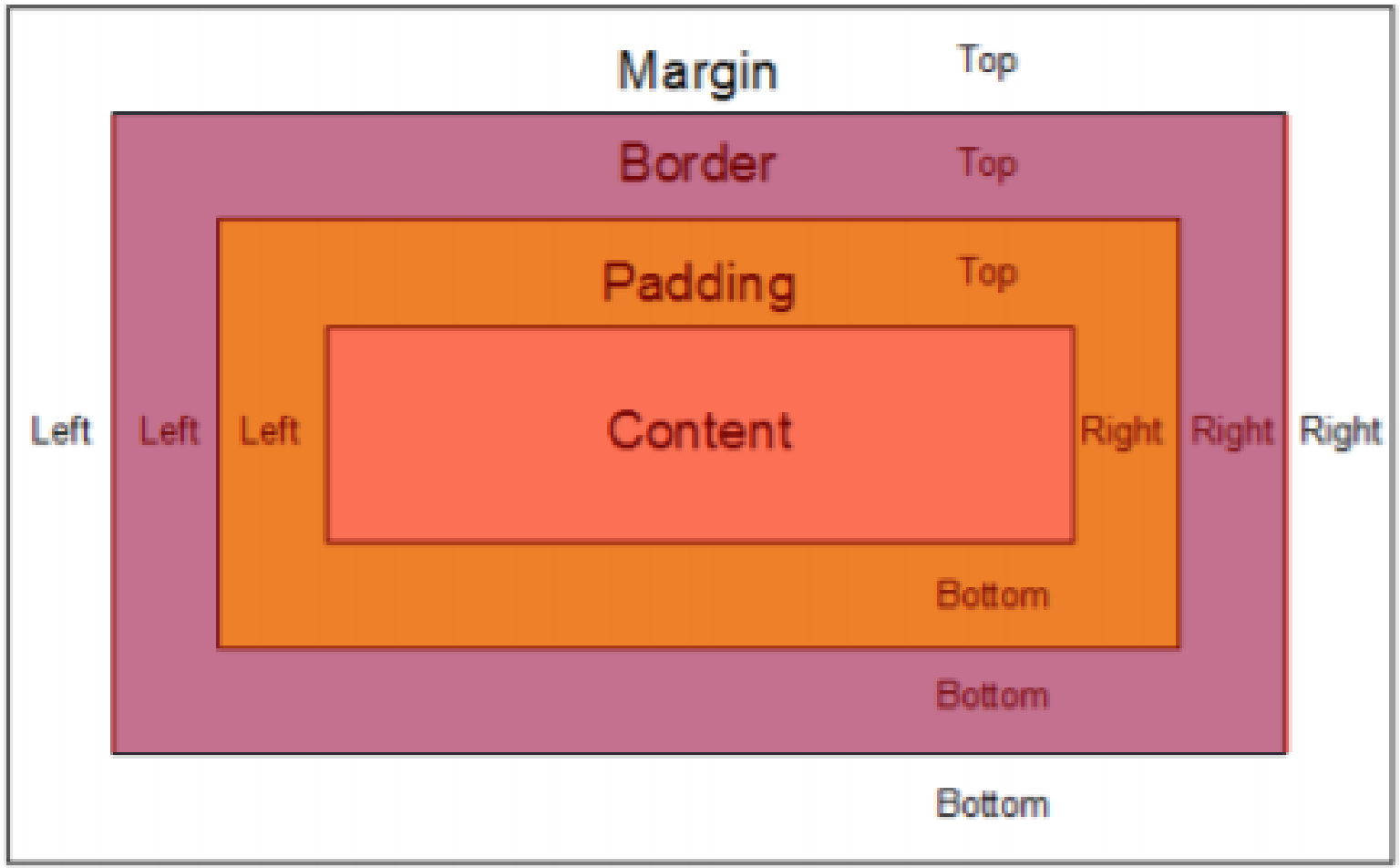
- class: 해당 class를 가진 요소들에 적용


h1 {
font-weight: bold;
}
#only_one {
text-align: center;
}
.description {
font-size: 2rem;
color: red;
}
li.items {
color: lime;
}

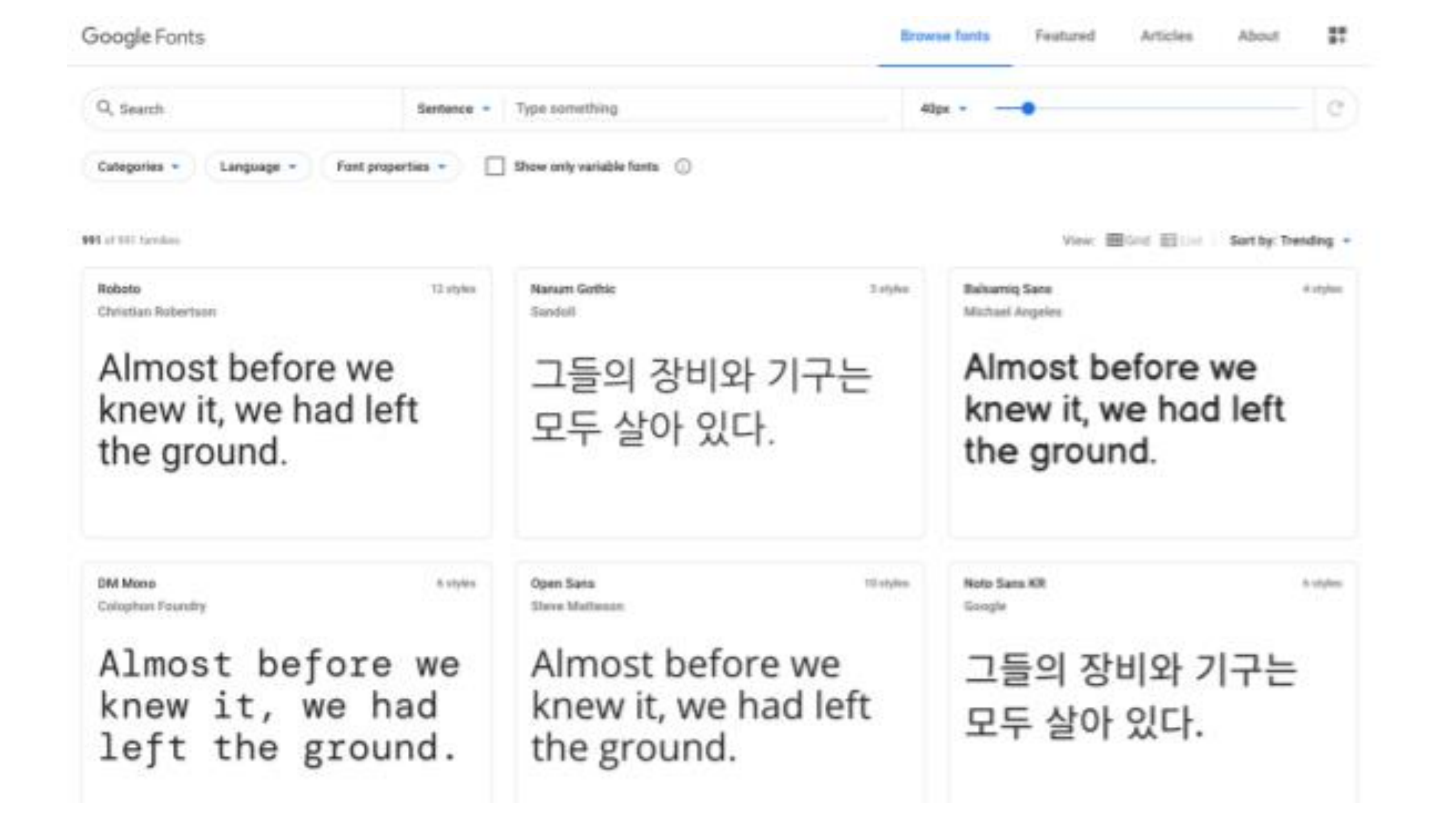

Margin
Top
Border
Top
Padding
Top
Content
Left
Left
Left
Right
Right
Right
Bottom
Bottom
Bottom



box-sizing: content-box;



box-sizing: border-box;


Google Fonts
Browse fonts
Featured
Articles
About
Search
Sentence
Type something
40px
Categories
Language
Font properties
Show only variable fonts
View:
Sort by: Trending
Roboto
Christian Robertson
Almost before we knew it, we had left the ground.
Nanum Gothic
Sandoll
그들의 장비와 기구는 모두 살아 있다.
Baloamiq Sans
Michael Angeles
Almost before we knew it, we had left the ground.
DM Mono
Colophon Foundry
Almost before we knew it, we had left the ground.
Open Sans
Steve Matteson
Almost before we knew it, we had left the ground.
Noto Sans KR
Google
그들의 장비와 기구는 모두 살아 있다.

NOT SURE IF I'M A GOOD PROGRAMMER
OR JUST GOOD AT GOOGLING
VIA 9GAG.COM
MEMEFUL.COM

- 외운다고 적용할 수 있는게 아니예요!
- **필요할 때 찾아서 적용하기**
- 결국 쓰는 것만 쓰게 되고, 자연스럽게 외워짐
- 찾아보기도 귀찮다?

  그럼 템플릿을 검색하자!

Bootstrap Templates & Themes

Free Bootstrap themes that are ready to customize and publish. All of our themes are built with Bootstrap 4, MIT licensed, and updated regularly!

SB Admin 2 Free

SB UI Kit Pro Pro

SB Admin Pro Pro

SB UI Kit Pro Angular Pro

SB Admin Pro Angular Pro

Freelancer Free

ABOUT

EXPERIENCE

EDUCATION

SKILLS

INTERESTS

AWARDS

CUTE SNOOPY

Gwangju Software Meister High School, 312 Sangmu-daero, Gwangsan-gu, Gwangju

Love to create a service that makes the world more comfortable.

Django?

How to Install?

Django Basics

HTTP GET http://www.google.com/index.html

django

Ridiculously fast.

Django was designed to help developers take applications from concept to completion as quickly as possible.

Reassuringly secure.

Django takes security seriously and helps developers avoid many common security mistakes.

Exceedingly scalable.

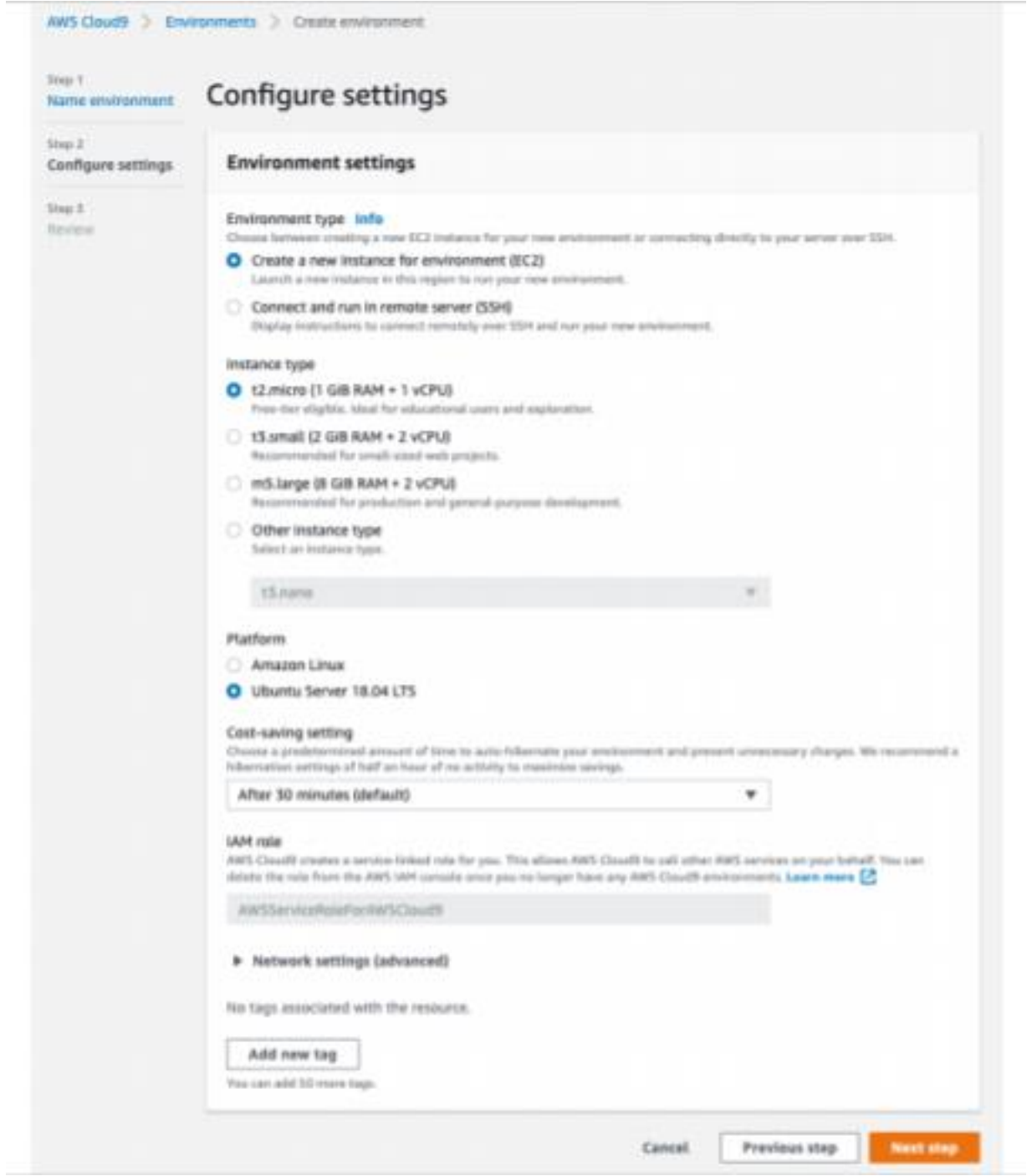
Some of the busiest sites on the Web leverage Django's ability to quickly and flexibly scale.

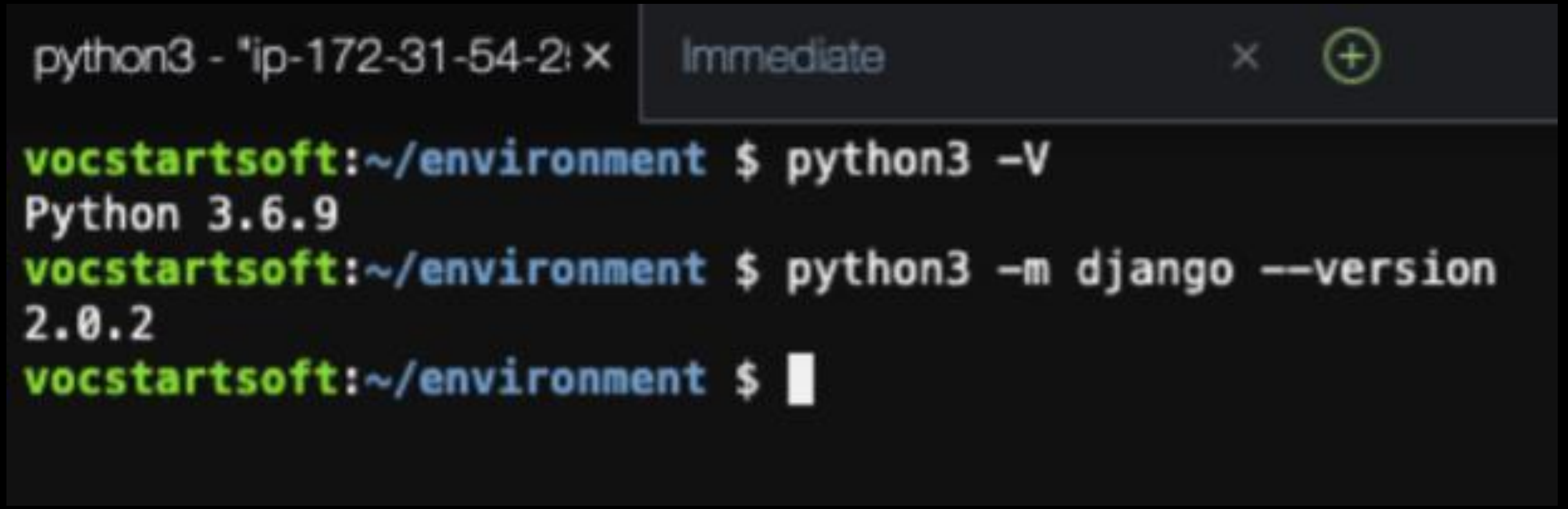
Web Service Efficiency at Instagram with Python

Instagram Engineering Follow
Jun 21, 2016 · 6 min read

Instagram currently features the world's largest deployment of the Django web framework, which is written entirely in Python. We initially chose to use Python because of its reputation for simplicity and practicality, which aligns well with our philosophy of "do the simple thing first." But simplicity can come with a tradeoff: efficiency. Instagram has doubled in size over the last two years and recently crossed 500 million users, so there is a strong need to maximize web service efficiency so that our platform can continue to scale smoothly. In the past year we've made our efficiency program a priority, and over the last six months we've been able to maintain our user growth without adding new capacity to our Django tiers. In this post, we'll share some of the tools we built and how we use them to optimize our daily deployment flow.

Cloud9

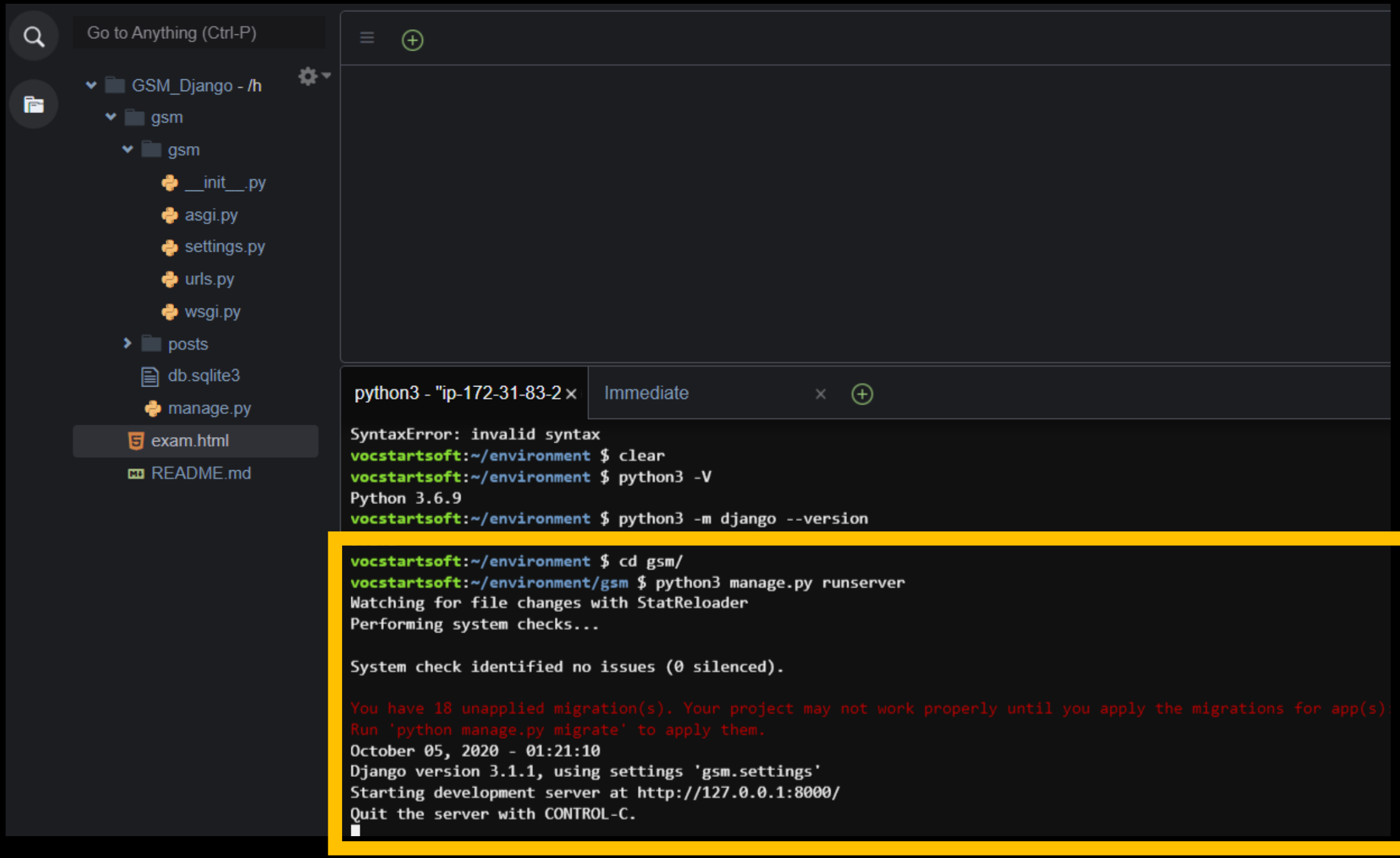

AWS Cloud9 > Environments > Create environment
Step 1
Name environment
Step 2
Configure settings
Step 3
Review
Configure settings
Environment settings
Environment type Info
Choose between creating a new EC2 instance for your new environment or connecting directly to your server over SSH.
Create a new instance for environment (EC2)
Launch a new instance in this region to run your new environment.
Connect and run in remote server (SSH)
Display instructions to connect remotely over SSH and run your new environment.
Instance type
t2.micro (1 GiB RAM + 1 vCPU)
Free-tier eligible. Ideal for educational users and exploration.
t3.small (2 GiB RAM + 2 vCPU)
Recommended for small-sized web projects.
m5.large (8 GiB RAM + 2 vCPU)
Recommended for production and general-purpose development.
Other instance type
Select an instance type.
t3.nano
Platform
Amazon Linux
Ubuntu Server 18.04 LTS
Cost-saving setting
Choose a predetermined amount of time to auto-hibernate your environment and prevent unnecessary charges. We recommend a hibernation settings of half an hour of no activity to maximize savings.
After 30 minutes (default)
IAM role
AWS Cloud9 creates a service-linked role for you. This allows AWS Cloud9 to call other AWS services on your behalf. You can delete the role from the AWS IAM console once you no longer have any AWS Cloud9 environments. Learn more
AWSServiceRoleForAWSCloud9
Network settings (advanced)
No tags associated with the resource.
Add new tag
You can add 50 more tags.
Cancel
Previous step
Next step


python3 - "ip-172-31-54-2
Immediate
vocstartsoft:~/environment $ python3 -V
Python 3.6.9
vocstartsoft:~/environment $ python3 -m django --version
2.0.2
vocstartsoft:~/environment $

python3 - "ip-172-31-54-2: ×
immediate
vocstartsoft:~/environment $ python3 -m pip install Django
Collecting Django
Downloading https://files.pythonhosted.org/packages/9d/04/04abb097c84c770180eeebe7ed920ce42f9917ab5ad4de01ff8ed11bc25b/Django-3.0.6-py3-none-any.whl (7.5MB)
100% |████████████████████████████████| 7.5MB 185kB/s
Collecting pytz (from Django)
Downloading https://files.pythonhosted.org/packages/4f/a4/879454d49688e2fad93e59d7d4efda580b783c745fd2ec2a3adf87b0808d/pytz-2020.1-py2.py3-none-any.whl (510kB)
100% |████████████████████████████████| 512kB 2.8MB/s
Collecting asgiref~=3.2 (from Django)
Downloading https://files.pythonhosted.org/packages/68/00/25013f7310a56d17e1ab6fd885d5c1f216b7123b550d295c93f8e29d372a/asgiref-3.2.7-py2.py3-none-any.whl
Collecting sqlparse>=0.2.2 (from Django)
Downloading https://files.pythonhosted.org/packages/85/ee/6e821932f413a5c4b76be9c5936e313e4fc626b33f16e027866e1d60f588/sqlparse-0.3.1-py2.py3-none-any.whl (40kB)
100% |████████████████████████████████| 40kB 3.2MB/s
Installing collected packages: pytz, asgiref, sqlparse, Django
Successfully installed Django-3.0.6 asgiref-3.2.7 pytz-2020.1 sqlparse-0.3.1
vocstartsoft:~/environment $ python3 -m django --version
3.0.6
vocstartsoft:~/environment $

python3 - "ip-172-31-54-2:
Immediate
vocstartsoft:~/environment $ python3 -m pip install Django
Collecting Django
Downloading https://files.pythonhosted.org/packages/9d/04/04abb097c84c770180eeebe7ed920ce42f9917ab5ad4de01ff8ed11bc25b/Django-3.0.6-py3-none-any.whl (7.5MB)
100% | 7.5MB 185kB/s
Collecting pytz (from Django)
Downloading https://files.pythonhosted.org/packages/4f/a4/879454d49688e2fad93e59d7d4efda580b783c745fd2ec2a3adf87b0808d/pytz-2020.1-py2.py3-none-any.whl (510kB)
100% | 512kB 2.8MB/s
Collecting asgiref~=3.2 (from Django)
Downloading https://files.pythonhosted.org/packages/68/00/25013f7310a56d17e1ab6fd885d5c1f216b7123b550d295c93f8e29d372a/asgiref-3.2.7-py2.py3-none-any.whl
Collecting sqlparse>=0.2.2 (from Django)
Downloading https://files.pythonhosted.org/packages/85/ee/6e821932f413a5c4b76be9c5936e313e4fc626b33f16e027866e1d60f588/sqlparse-0.3.1-py2.py3-none-any.whl (40kB)
100% | 40kB 3.2MB/s
Installing collected packages: pytz, asgiref, sqlparse, Django
Successfully installed
.1 sqlparse-0.3.1
vocstartsoft:~/environment $ python3 -m django --version
3.0.6
vocstartsoft:~/environment $

bash - "ip-172-31-83-241"
Immediate
vocstartsoft:~/environment $ python3 -V
Python 3.6.9
vocstartsoft:~/environment $ python3 -m django --version
3.1.1
vocstartsoft:~/environment $ django-admin startproject gsm

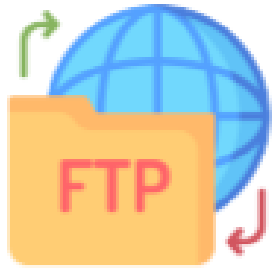

Go to Anything (Ctrl-P)
GSM_Django - /h
gsm
gsm
__init__.py
asgi.py
settings.py
urls.py
wsgi.py
posts
db.sqlite3
manage.py
exam.html
README.md
python3 - "ip-172-31-83-2
Immediate
SyntaxError: invalid syntax
vocstartsoft:~/environment $ clear
vocstartsoft:~/environment $ python3 -V
Python 3.6.9
vocstartsoft:~/environment $ python3 -m django --version
vocstartsoft:~/environment $ cd gsm/
vocstartsoft:~/environment/gsm $ python3 manage.py runserver
Watching for file changes with StatReloader
Performing system checks...
System check identified no issues (0 silenced).
You have 18 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s)
Run 'python manage.py migrate' to apply them.
October 05, 2020 - 01:21:10
Django version 3.1.1, using settings 'gsm.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.

Server

Server

54.237.40.203

www.minyoung.com



FTP

SMTP

Server

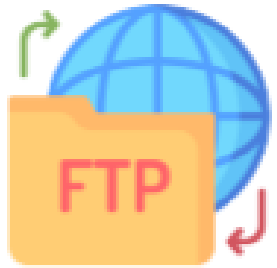
54.237.40.203

www.minyoung.com

Server

54.237.40.203:80

www.minyoung.com



FTP

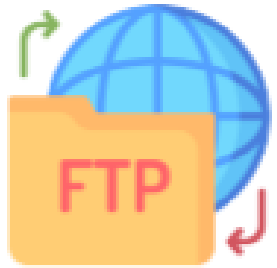
21

SMTP

25

Server

54.237.40.203:80
www.minyoung.com



FTP
21

SMTP
25

Server

54.237.40.203

127.0.0.1
localhost

Server 1

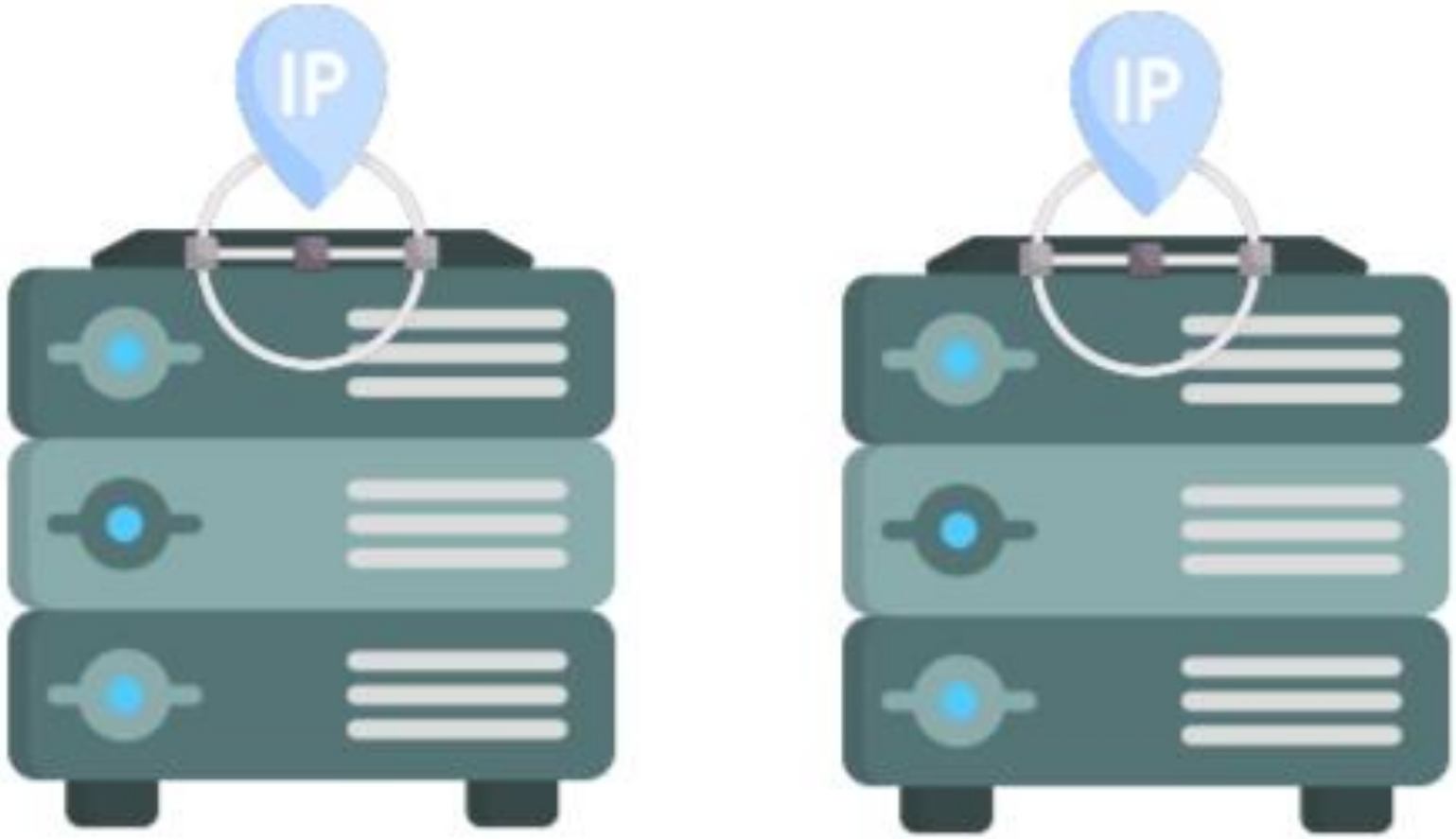
54.237.40.203

127.0.0.1
localhost

Server 2

32.132.36.141

127.0.0.1
localhost



Server 1

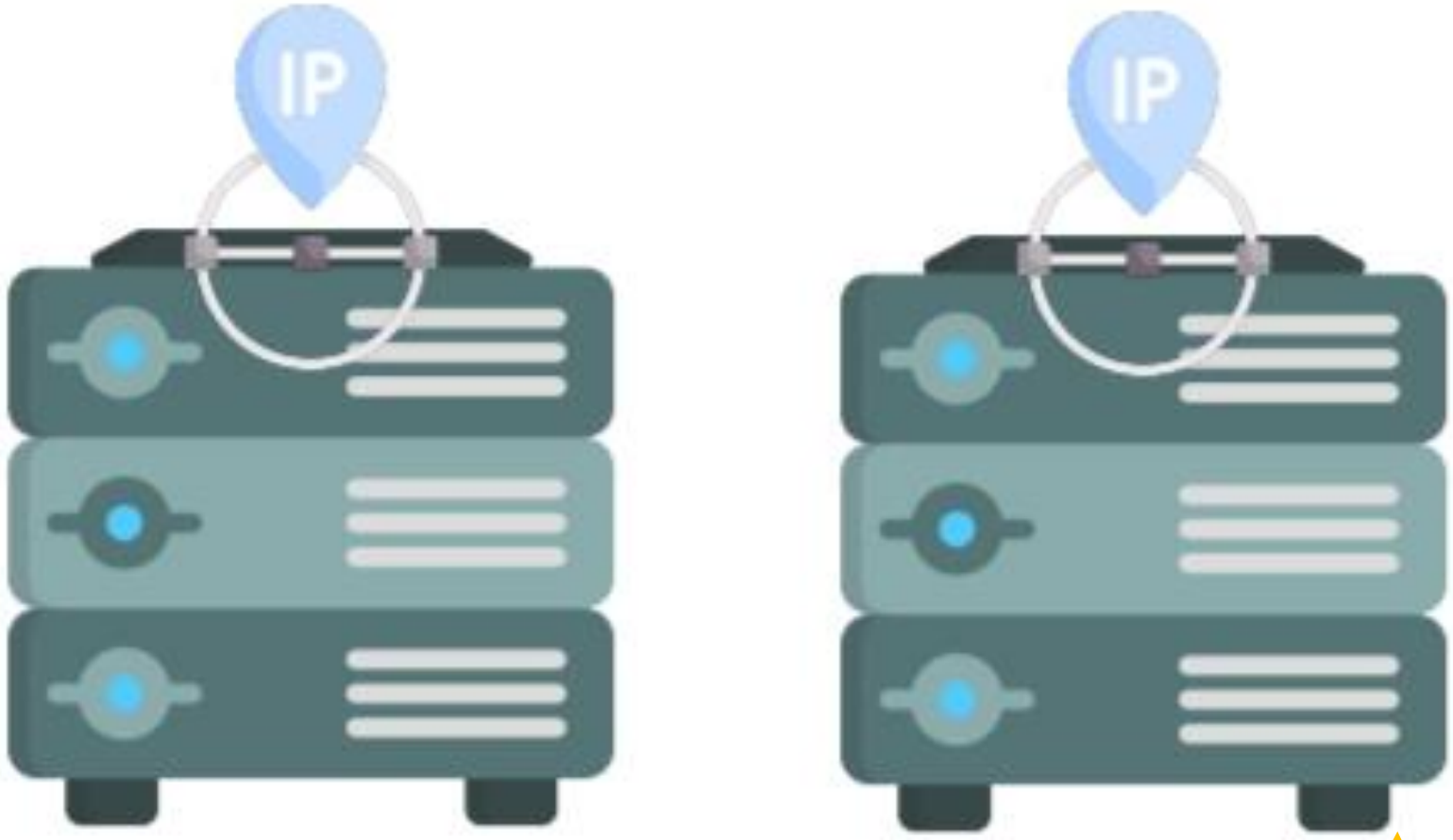
54.237.40.203

127.0.0.1
localhost

Server 2

32.132.36.141

127.0.0.1
localhost



Server 1

54.237.40.203

127.0.0.1
localhost

Server 2

32.132.36.141

127.0.0.1
localhost

Server

54.237.40.203

127.0.0.1:8000

Server

54.237.40.203

127.0.0.1:8000

Server

54.237.40.203:8000

127.0.0.1:8000

Server

54.237.40.203

127.0.0.1:8000

Server

54.237.40.203

127.0.0.1:8000

www.minyoung.com:8000

Server

54.237.40.203

127.0.0.1:8000

www.minyoung.com:8000

54.237.40.203:8000

Server

54.237.40.203

127.0.0.1:8000

www.minyoung.com:8000

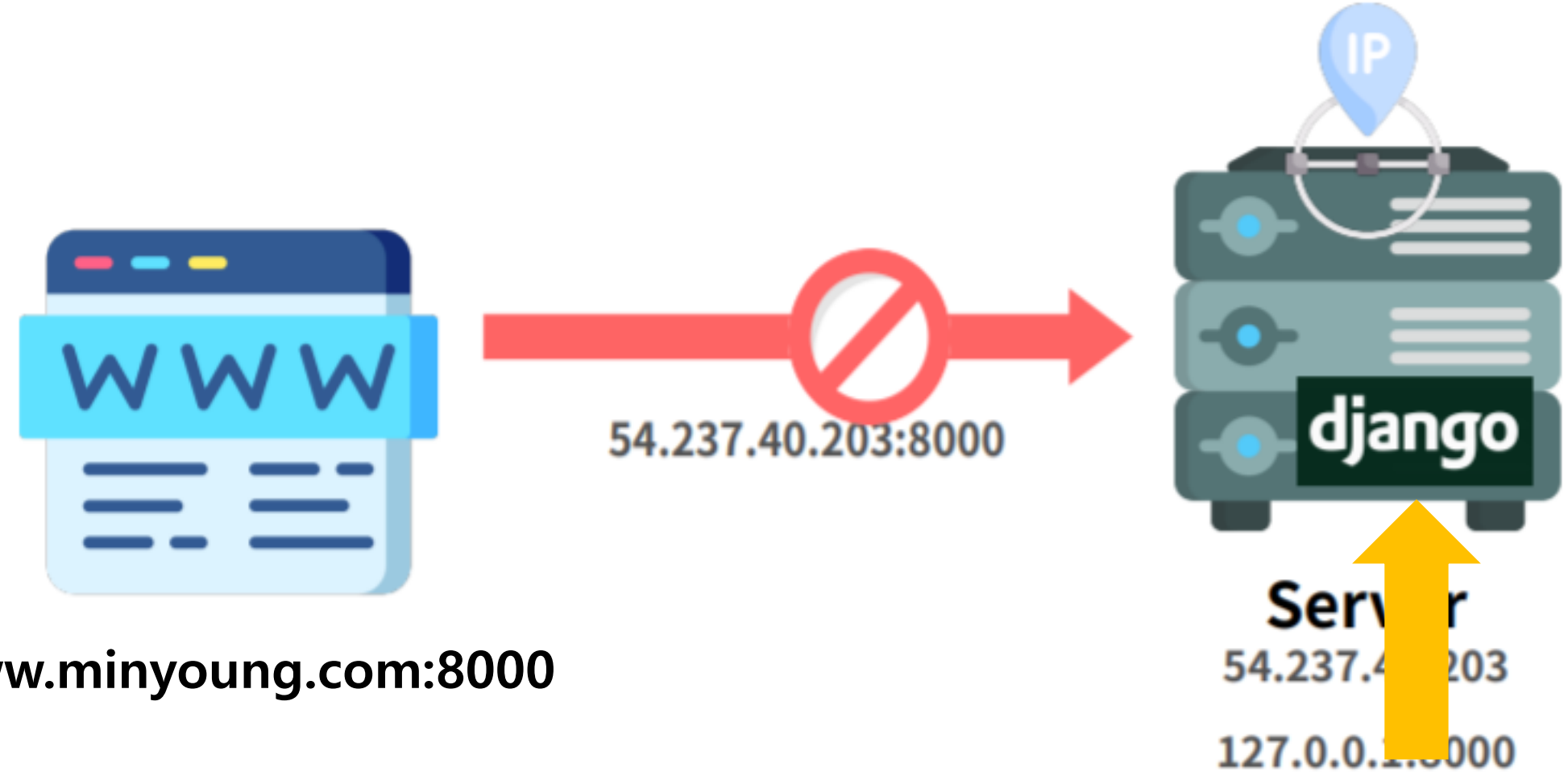
54.237.40.203:8000

Server

54.237.40.203

127.0.0.1:8000

www.minyoung.com:8000


IP
WWW
54.237.40.203:8000
django
www.minyoung.com:8000

www.minyoung.com

54.237.40.203:80

Server

54.237.40.203

127.0.0.1:8000

www.minyoung.com

54.237.40.203:80

Server

54.237.40.203

127.0.0.1:8000

www.minyoung.com

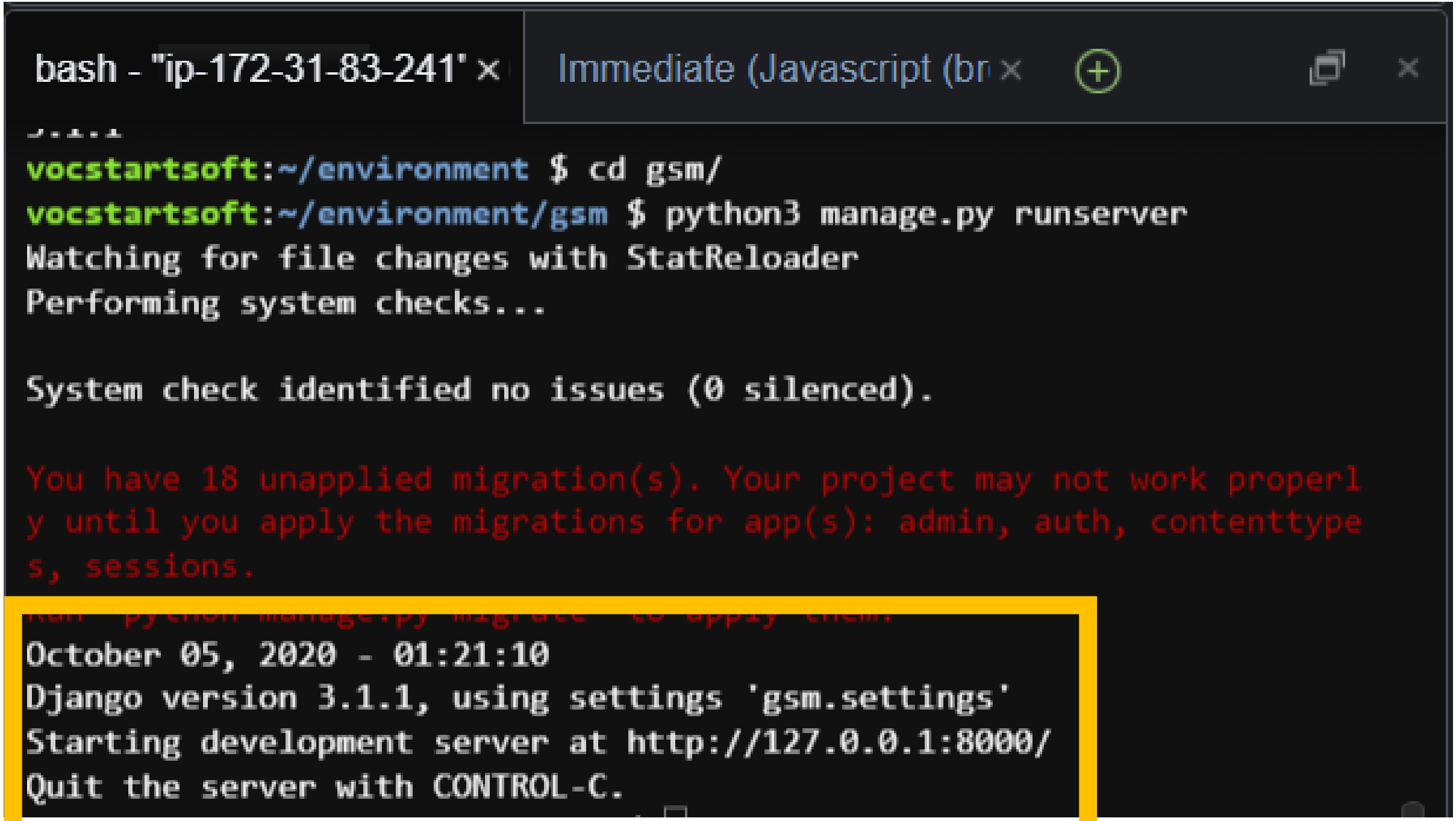
54.237.40.203:80

Server

54.237.40.203

127.0.0.1:8000

HOW ?


bash - "ip-172-31-83-241"
Immediate (Javascript (br
vocstartsoft:~/environment $ cd gsm/
vocstartsoft:~/environment/gsm $ python3 manage.py runserver
Watching for file changes with StatReloader
Performing system checks...
System check identified no issues (0 silenced).
You have 18 unapplied migration(s). Your project may not work properl
y until you apply the migrations for app(s): admin, auth, contenttype
s, sessions.
October 05, 2020 - 01:21:10
Django version 3.1.1, using settings 'gsm.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.

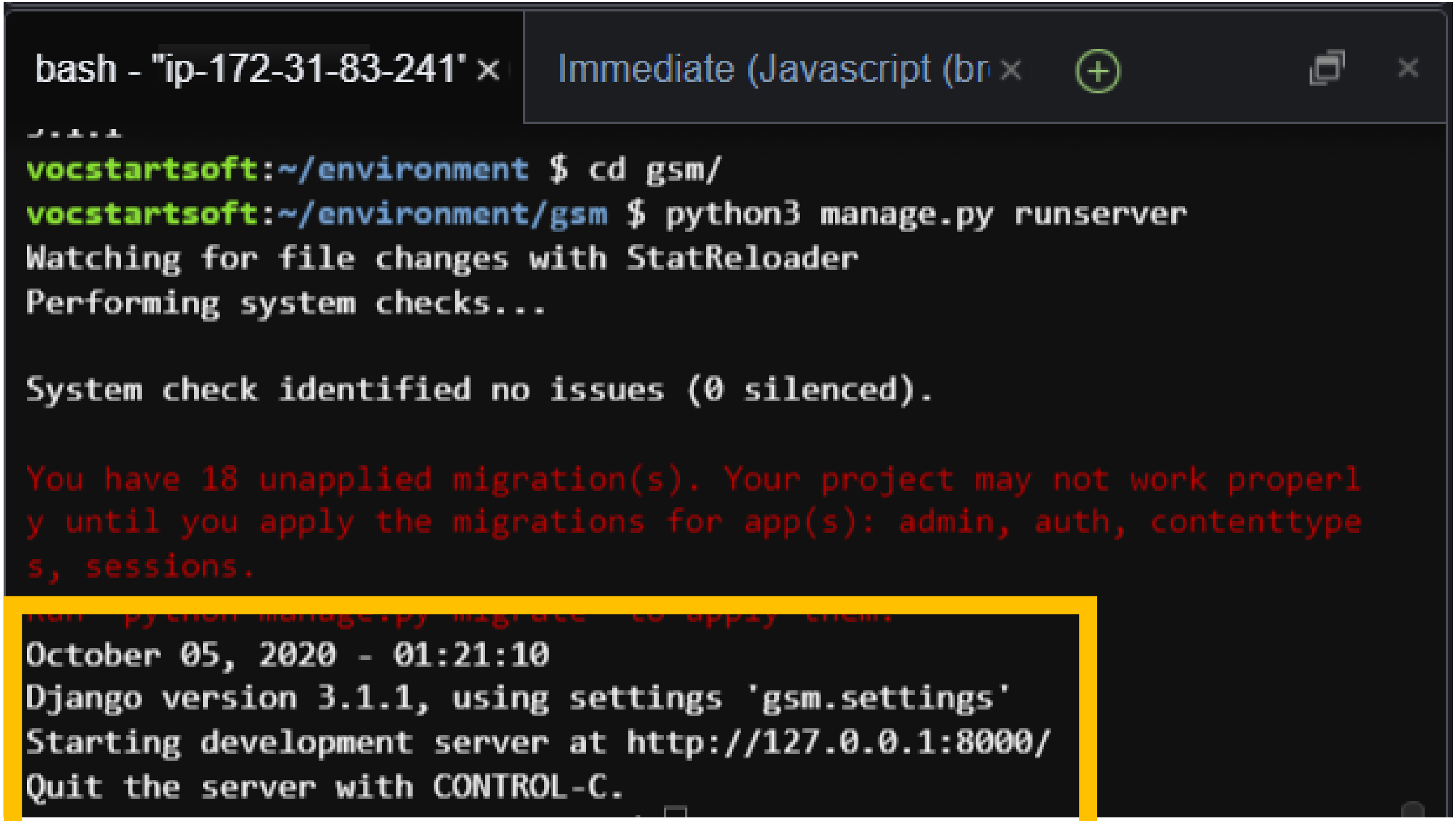
some.preview.amazonaws.com

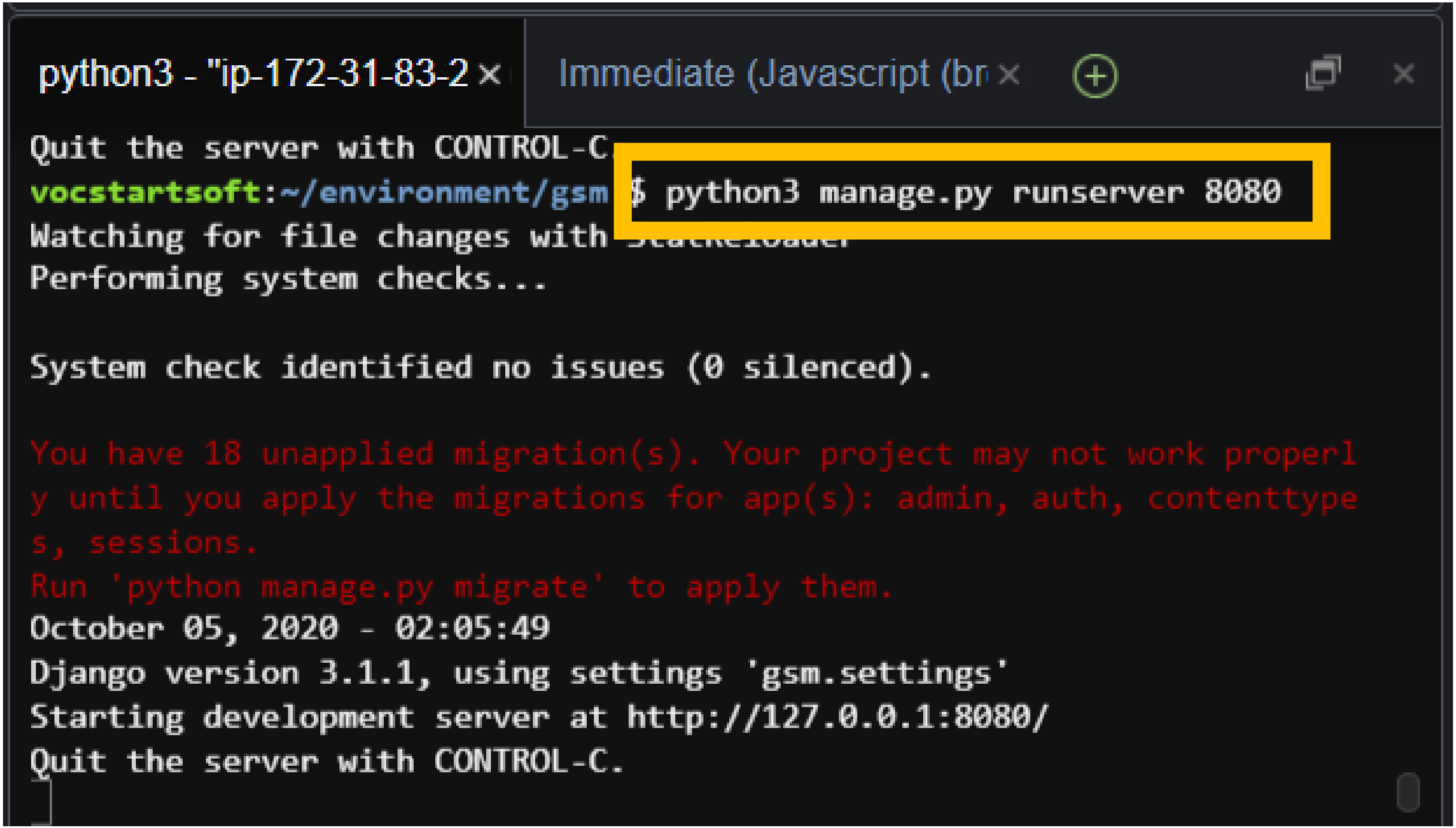
54.237.40.203:8080

Server

54.237.40.203

127.0.0.1:8080


bash - "ip-172-31-83-241"
Immediate (Javascript (br
vocstartsoft:~/environment $ cd gsm/
vocstartsoft:~/environment/gsm $ python3 manage.py runserver
Watching for file changes with StatReloader
Performing system checks...
System check identified no issues (0 silenced).
You have 18 unapplied migration(s). Your project may not work properl
y until you apply the migrations for app(s): admin, auth, contenttype
s, sessions.
October 05, 2020 - 01:21:10
Django version 3.1.1, using settings 'gsm.settings'
Starting development server at http://127.0.0.1:8000/
Quit the server with CONTROL-C.


python3 - "ip-172-31-83-2
Immediate (Javascript (br
Quit the server with CONTROL-C.
vocstartsoft:~/environment/gsm $ python3 manage.py runserver 8080
Watching for file changes with
Performing system checks...
System check identified no issues (0 silenced).
You have 18 unapplied migration(s). Your project may not work properl
y until you apply the migrations for app(s): admin, auth, contenttype
s, sessions.
Run 'python manage.py migrate' to apply them.
October 05, 2020 - 02:05:49
Django version 3.1.1, using settings 'gsm.settings'
Starting development server at http://127.0.0.1:8080/
Quit the server with CONTROL-C.

DisallowedHost at /

0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com

DisallowedHost at /

Invalid HTTP_HOST header: '0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com'. You may need to add '0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com' to ALLOWED_HOSTS.

Request Method:	GET
Request URL:	http://0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com/
Django Version:	3.1.1
Exception Type:	DisallowedHost
Exception Value:	Invalid HTTP_HOST header: '0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com'. You may need to add '0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com' to ALLOWED_HOSTS.
Exception Location:	/home/ubuntu/.local/lib/python3.6/site-packages/django/http/request.py, line 137, in get_host
Python Executable:	/usr/bin/python3
Python Version:	3.6.9
Python Path:	['/home/ubuntu/environment/gsm', '/usr/lib/python36.zip', '/usr/lib/python3.6', '/usr/lib/python3.6/lib-dynload', '/home/ubuntu/.local/lib/python3.6/site-packages', '/usr/local/lib/python3.6/dist-packages', '/usr/lib/python3/dist-packages']
Server time:	Mon, 05 Oct 2020 02:07:03 +0000

Traceback

Switch to copy-and-paste view

/home/ubuntu/.local/lib/python3.6/site-packages/django/core/handlers/exception.py, line 47, in inner

```
47.                 response = get_response(request)
```

▶ Local vars

/home/ubuntu/.local/lib/python3.6/site-packages/django/utils/deprecation.py, line 113, in __call__

```
113.             response = self.process_request(request)
```

▶ Local vars

/home/ubuntu/.local/lib/python3.6/site-packages/django/middleware/common.py, line 48, in process_request

```
48.         host = request.get_host()
```

▶ Local vars

DisallowedHost at /

0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com

DisallowedHost at /

원래라면 127.0.0.1:8080 경로로 접근

Invalid HTTP_HOST header: '0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com'. You may need to add '0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com' to ALLOWED_HOSTS.

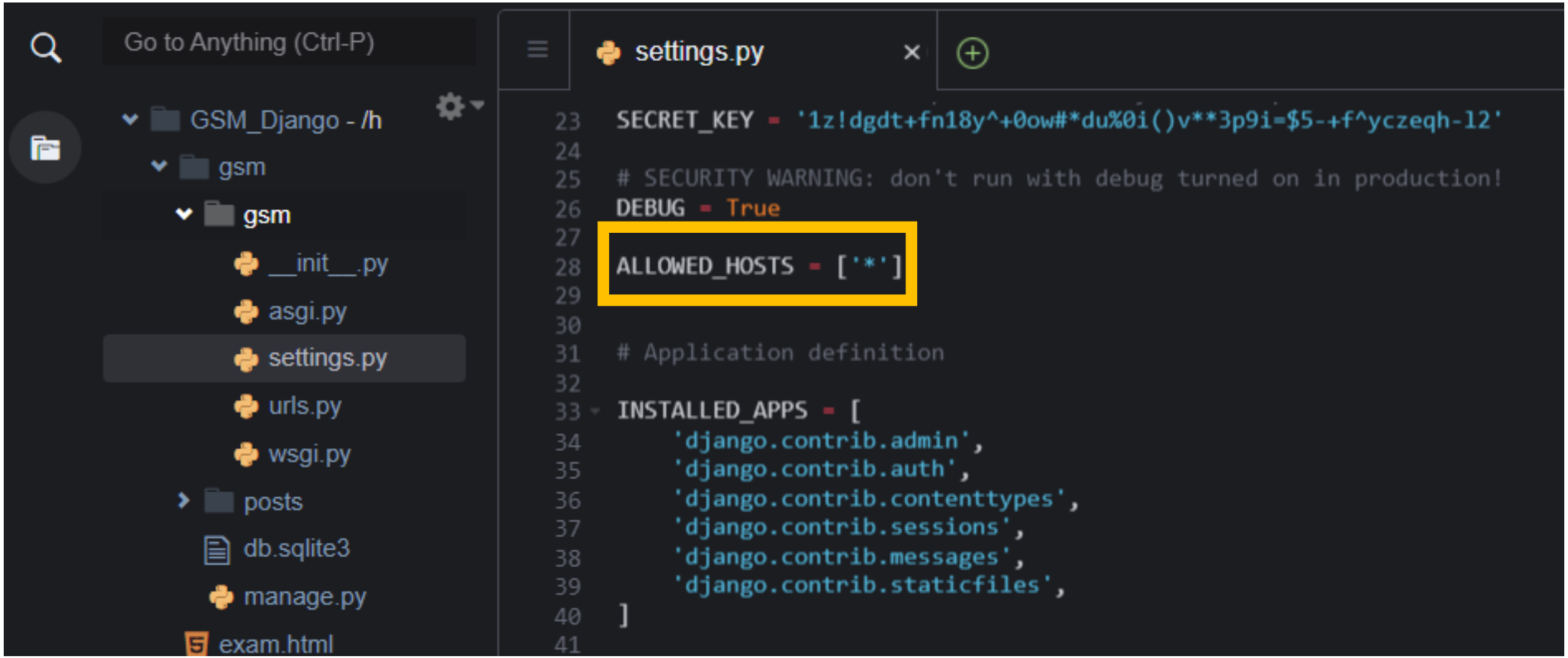
Request Method:	GET
Request URL:	http://0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com/
Django Version:	3.1.1
Exception Type:	DisallowedHost
Exception Value:	Invalid HTTP_HOST header: '0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com'. You may need to add '0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com' to ALLOWED_HOSTS.
Exception Location:	/home/ubuntu/.local/lib/python3.6/site-packages/django/http/request.py, line 137, in get_host
Python Executable:	/usr/bin/python3
Python Version:	3.6.9
Python Path:	['/home/ubuntu/environment/gsm', '/usr/lib/python36.zip', '/usr/lib/python3.6', '/usr/lib/python3.6/lib-dynload', '/home/ubuntu/.local/lib/python3.6/site-packages', '/usr/local/lib/python3.6/dist-packages', '/usr/lib/python3/dist-packages']
Server time:	Mon, 05 Oct 2020 02:07:03 +0000

Traceback

Switch to copy-and-paste view

/home/ubuntu/.local/lib/python3.6/site-packages/django/core/handlers/exception.py, line 47, in inner

```
47.                 response = get_response(request)
```


Go to Anything (Ctrl-P)
GSM_Django - /h
gsm
gsm
__init__.py
asgi.py
settings.py
urls.py
wsgi.py
posts
db.sqlite3
manage.py
exam.html
settings.py
SECRET_KEY = '1z!dgdt+fn18y^+0ow#*du%0i()v**3p9i=$5-+f^yczeqh-12'
# SECURITY WARNING: don't run with debug turned on in production!
DEBUG = True
ALLOWED_HOSTS = ['*']
# Application definition
INSTALLED_APPS = [
'django.contrib.admin',
'django.contrib.auth',
'django.contrib.contenttypes',
'django.contrib.sessions',
'django.contrib.messages',
'django.contrib.staticfiles',
]

Django: the Web framework fo

0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com

django

View release notes for Django 3.1

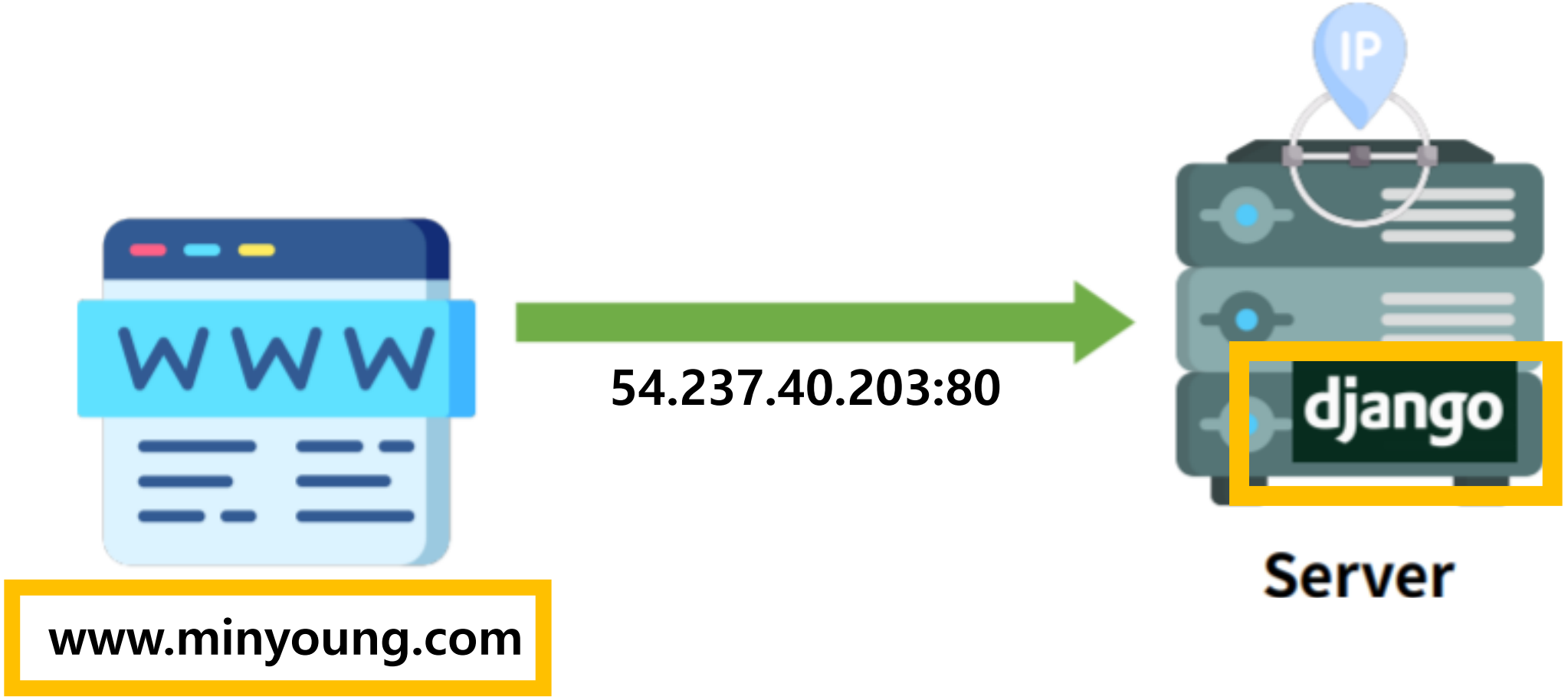
The install worked successfully! Congratulations!

You are seeing this page because DEBUG=True is in your settings file and you have not configured any URLs.

Django Documentation
Topics, references, & how-to's

Tutorial: A Polling App
Get started with Django

Django Community
Connect, get help, or contribute

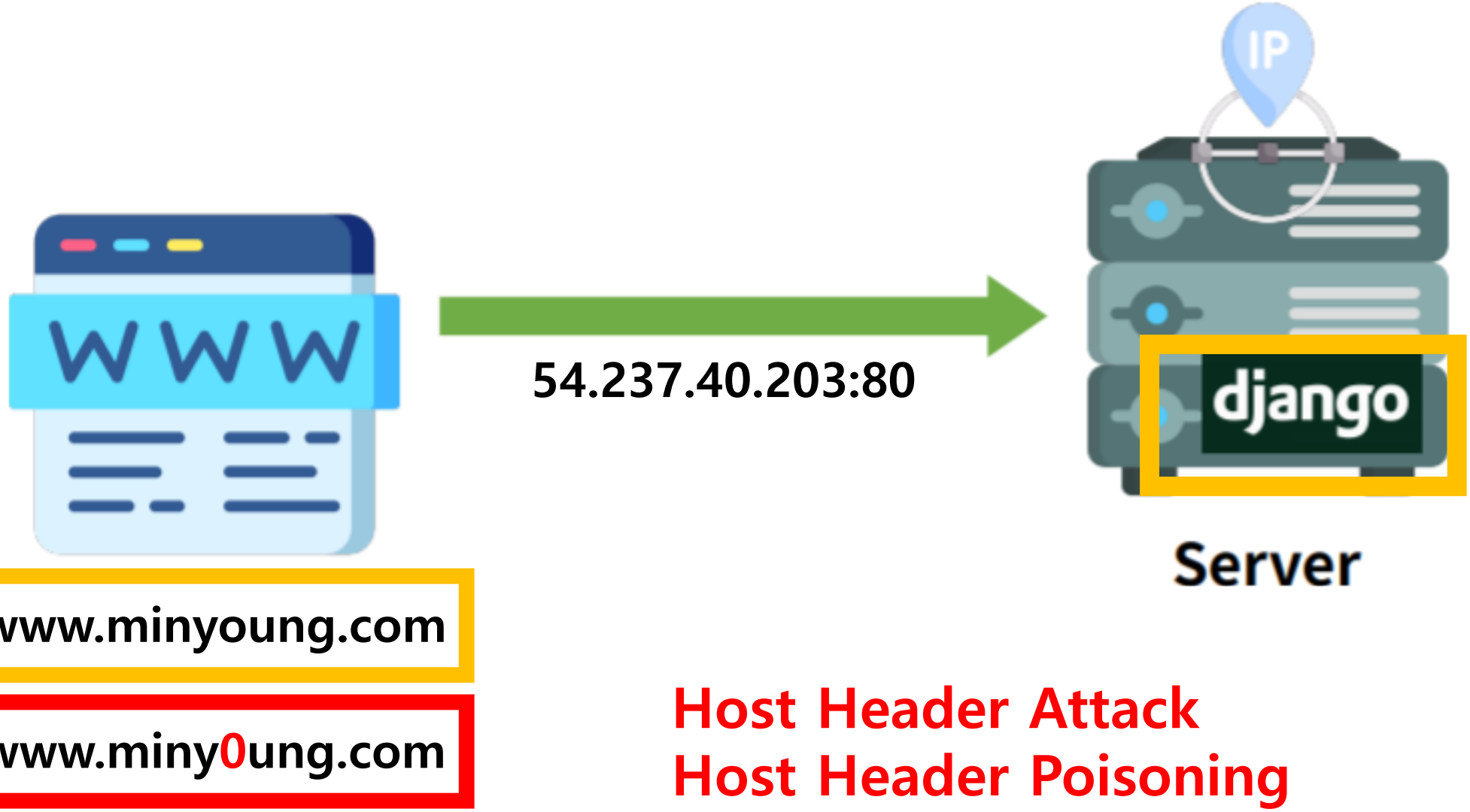

IP
WWW
54.237.40.203:80
django
www.minyoung.com
Server

www.minyoung.com

www.miny0ung.com

54.237.40.203:80

Server



Host Header Attack
Host Header Poisoning

Django: the Web framework fo

0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com

django

View release notes for Django 3.1

The install worked successfully! Congratulations!

You are seeing this page because DEBUG=True is in your settings file and you have not configured any URLs.

Django Documentation
Topics, references, & how-to's

Tutorial: A Polling App
Get started with Django

Django Community
Connect, get help, or contribute

Request

홈페이지(/)가 보고 싶습니다.

마이페이지(/my_page) 주세요 !

Server

54.237.40.203

127.0.0.1:8080

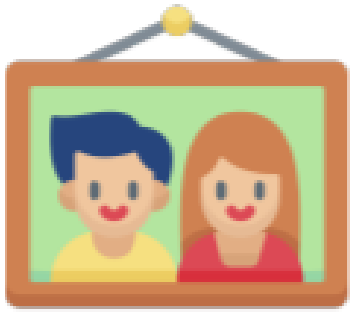
some.preview.amazonaws.com

Response
WWW
HTML
자, 홈페이지(index.html)
응~ 로그인부터 해 ^^
IP
django
Server
54.237.40.203
127.0.0.1:8080
some.preview.amazonaws.com

Project

Project

Blog App

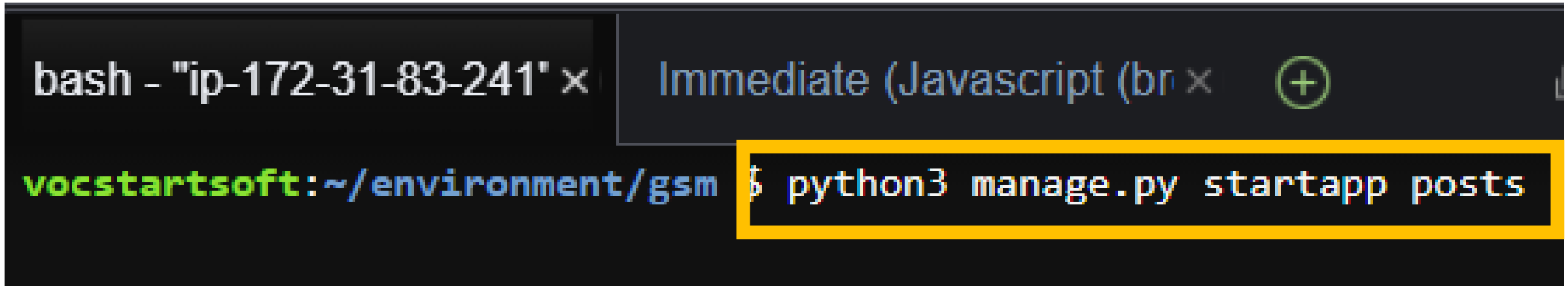


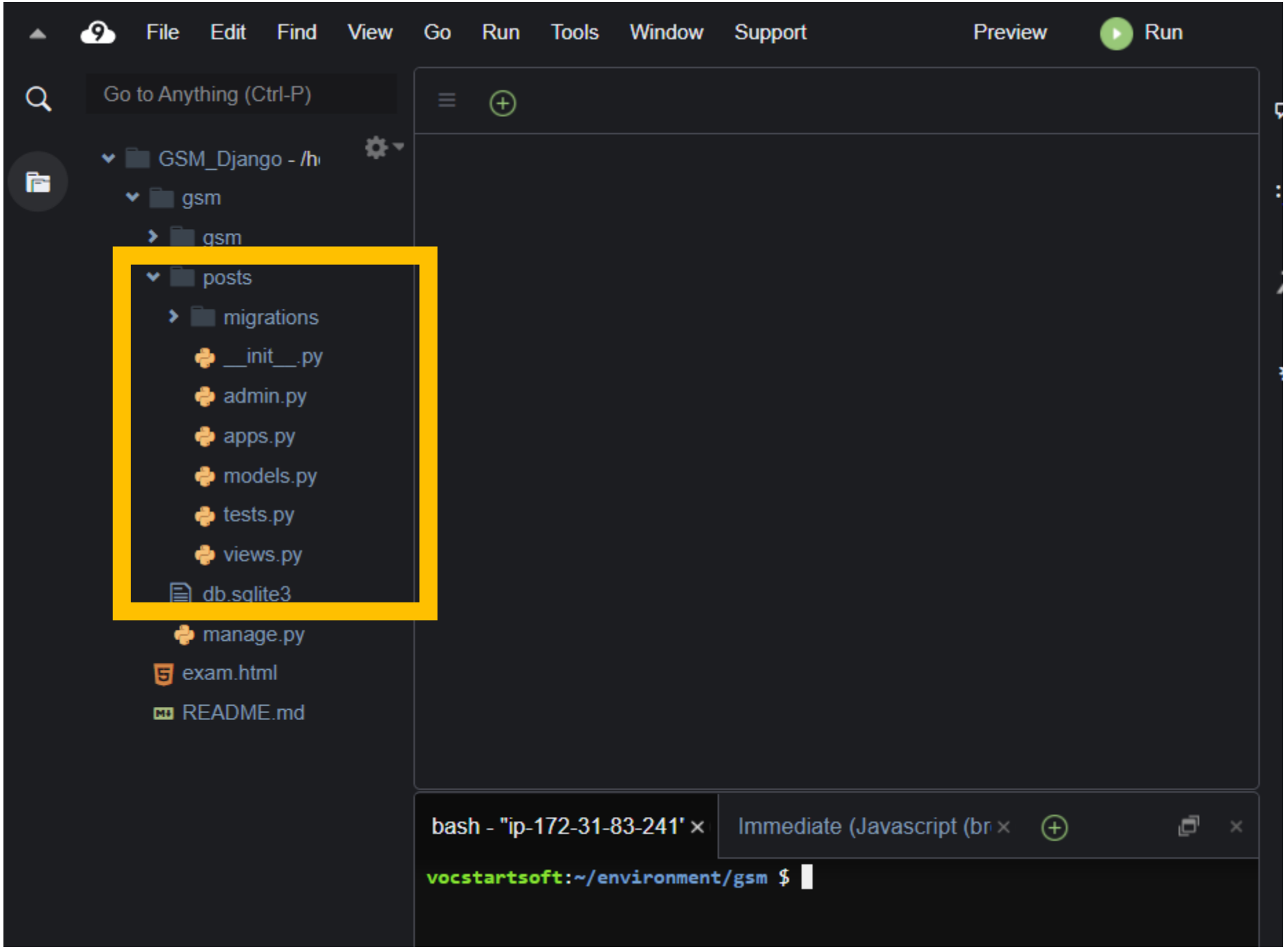
Posts App

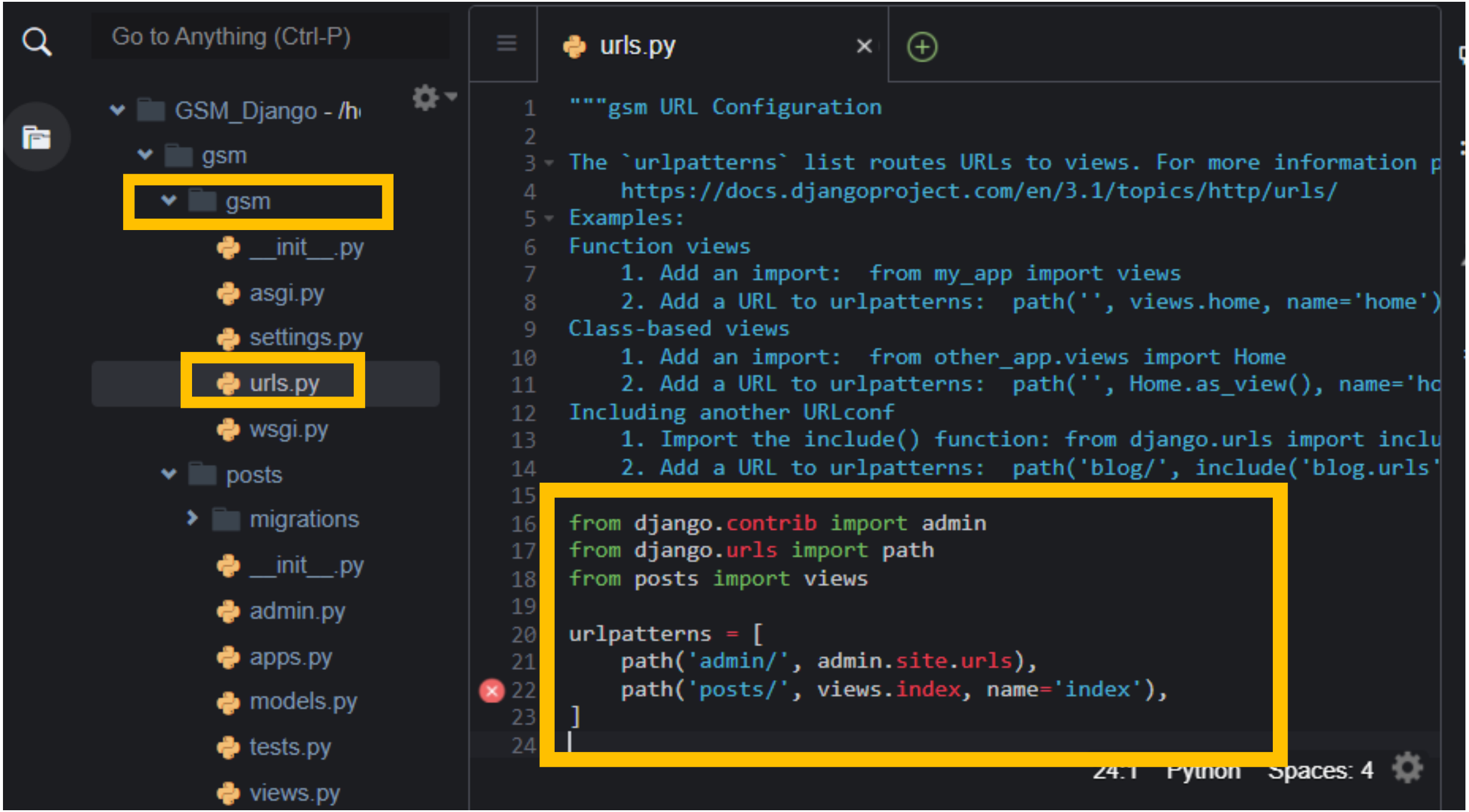
Portfolio App

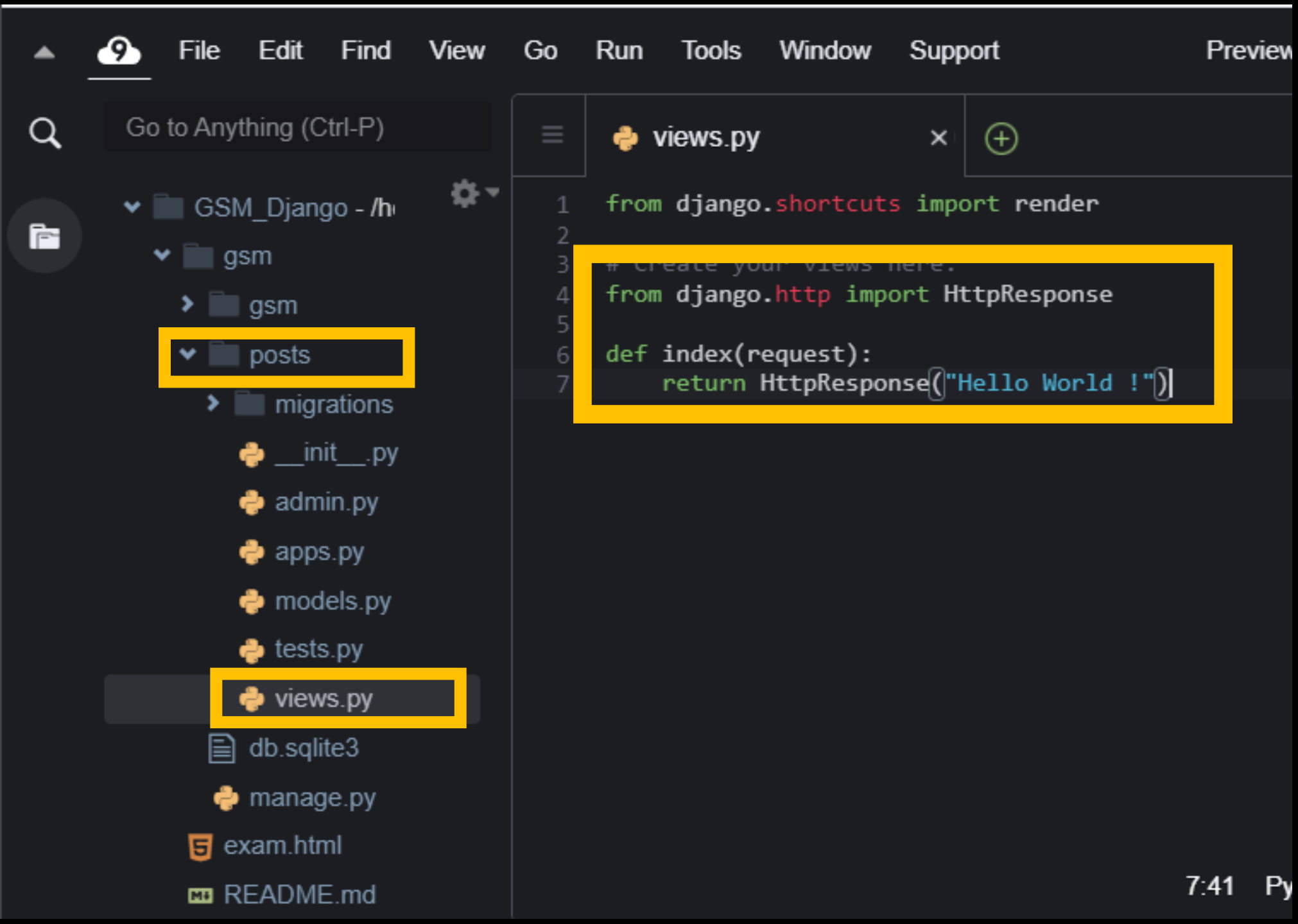
django
CV

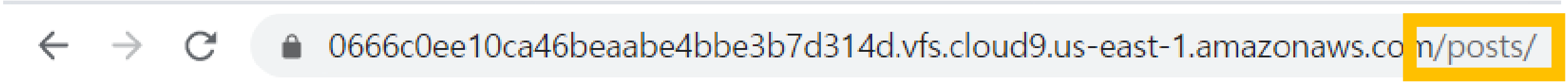
django


bash - "ip-172-31-83-241"
Immediate (Javascript (br
vocstartsoft:~/environment/gsm $ python3 manage.py startapp posts


File
Edit
Find
View
Go
Run
Tools
Window
Support
Preview
Run
Go to Anything (Ctrl-P)
GSM_Django - /h
gsm
gsm
posts
migrations
__init__.py
admin.py
apps.py
models.py
tests.py
views.py
db.sqlite3
manage.py
exam.html
README.md
bash - "ip-172-31-83-241'
Immediate (Javascript (br
vocstartsoft:~/environment/gsm $


Go to Anything (Ctrl-P)
GSM_Django - /h
gsm
gsm
__init__.py
asgi.py
settings.py
urls.py
wsgi.py
posts
migrations
__init__.py
admin.py
apps.py
models.py
tests.py
views.py
urls.py
"""gsm URL Configuration
The `urlpatterns` list routes URLs to views. For more information p
https://docs.djangoproject.com/en/3.1/topics/http/urls/
Examples:
Function views
1. Add an import: from my_app import views
2. Add a URL to urlpatterns: path('', views.home, name='home')
Class-based views
1. Add an import: from other_app.views import Home
2. Add a URL to urlpatterns: path('', Home.as_view(), name='ho
Including another URLconf
1. Import the include() function: from django.urls import inclu
2. Add a URL to urlpatterns: path('blog/', include('blog.urls'
from django.contrib import admin
from django.urls import path
from posts import views
urlpatterns = [
path('admin/', admin.site.urls),
path('posts/', views.index, name='index'),
]
Python
Spaces: 4


File Edit Find View Go Run Tools Window Support Preview
Go to Anything (Ctrl-P)
GSM_Django - /h
gsm
gsm
posts
migrations
__init__.py
admin.py
apps.py
models.py
tests.py
views.py
db.sqlite3
manage.py
exam.html
README.md
views.py
1 from django.shortcuts import render
2
3 # Create your views here.
4 from django.http import HttpResponse
5
6 def index(request):
7 return HttpResponse("Hello World !")
7:41 Py


0666c0ee10ca46beaabe4bbe3b7d314d.vfs.cloud9.us-east-1.amazonaws.com/posts/

Hello World !

HTTP GET http://www.google.com/index.html

HTTP GET http://www.google.com/index.html

GET www.google.com/index.html

GET www.google.com/index.html

GET www.google.com/index.html

GET www.google.com/index.html

GET www.google.com/index.html

HTTP Method

GET www.google.com/index.html

HTTP Method

GET www.google.com/index.html

POST

PATCH

DELETE

GET www.google.com/

Host

GET www.google.com/index.html

Request URL

GET www.google.com/index.html

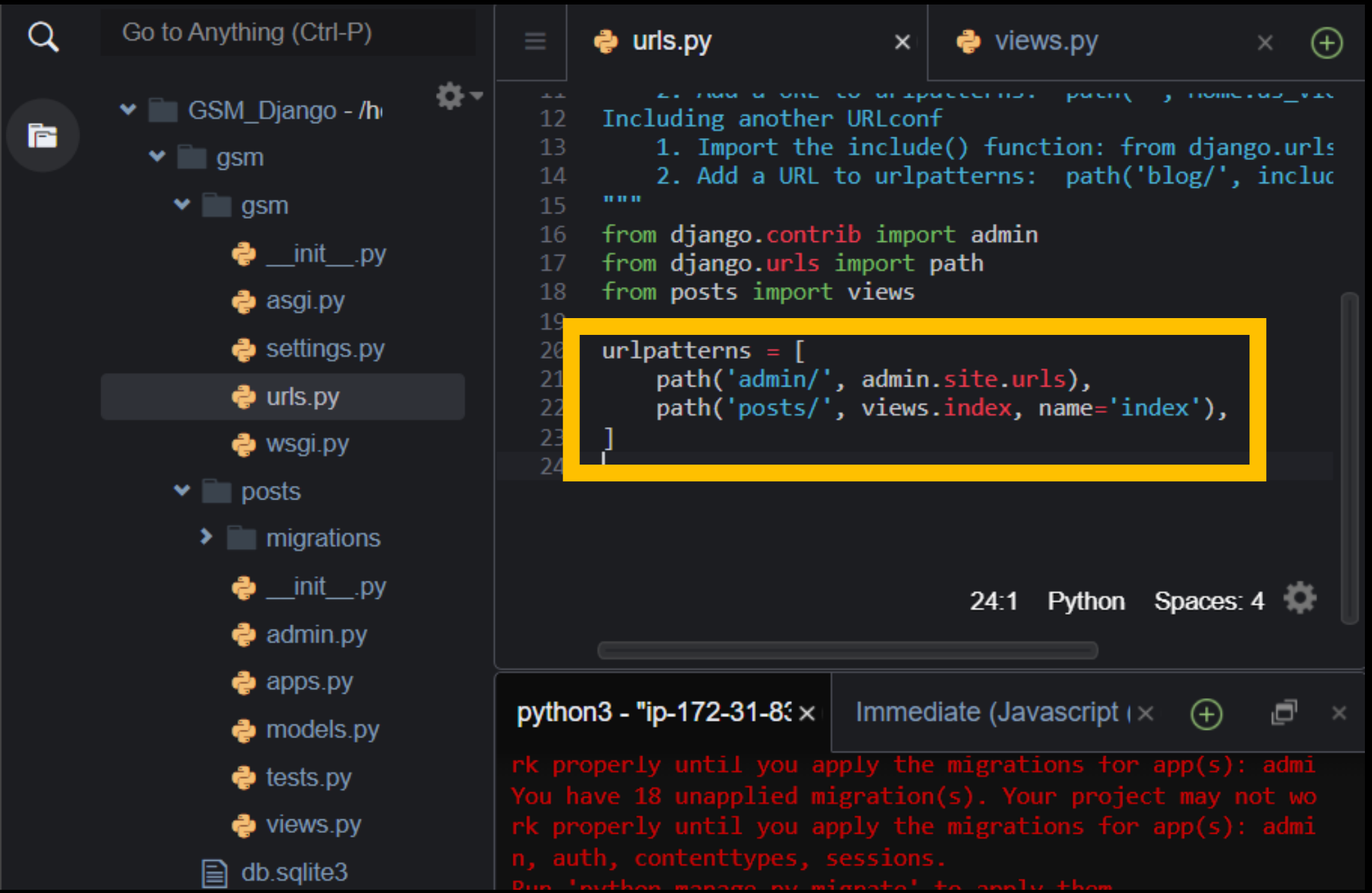
GET www.google.com/index.html

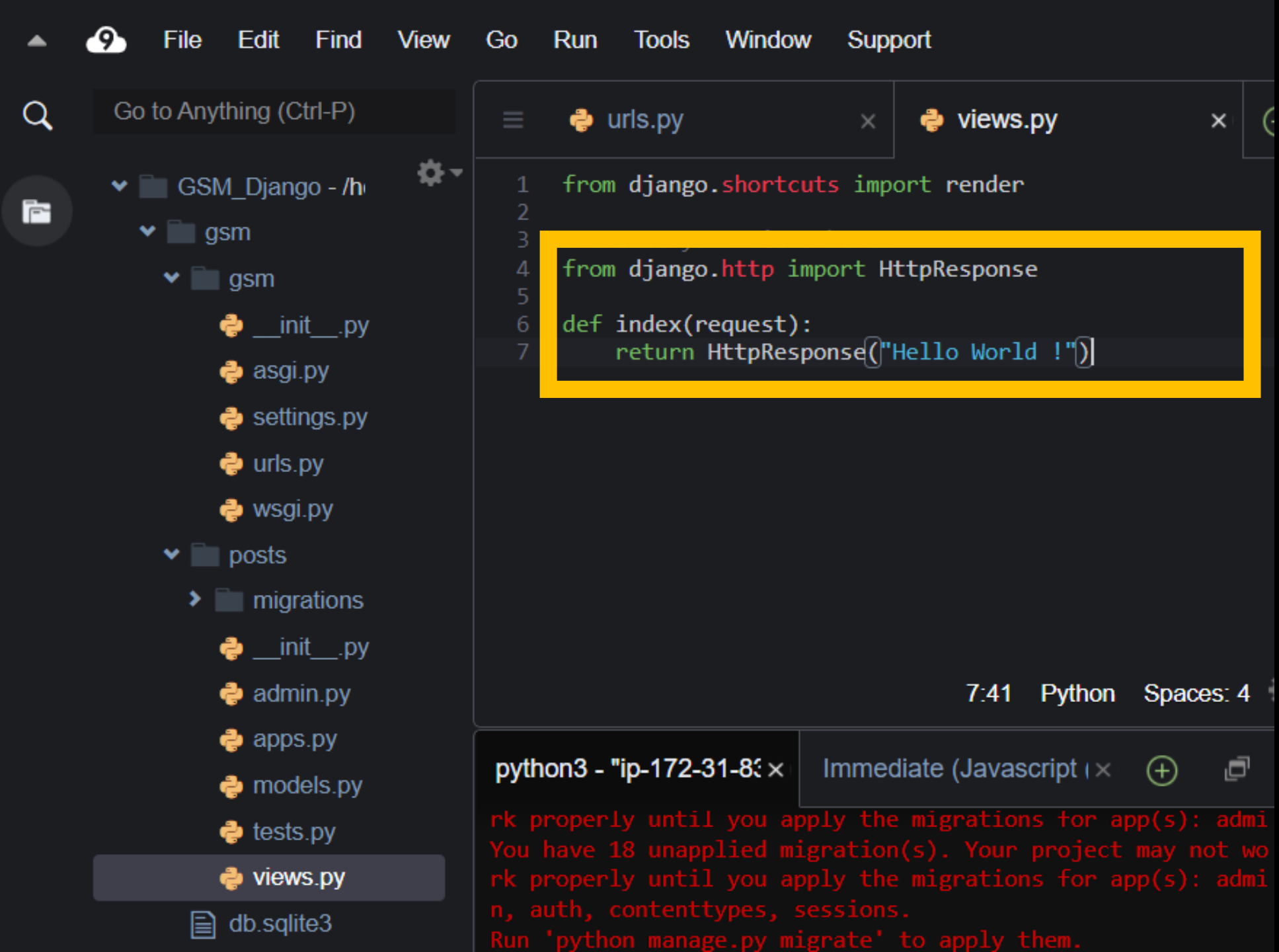
GET www.google.com/

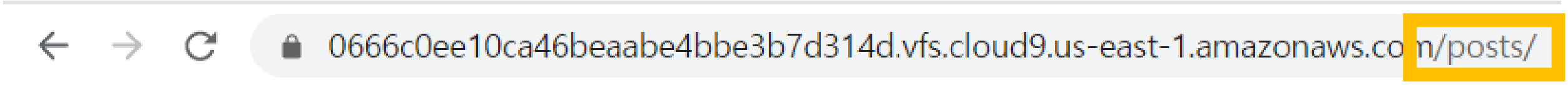
GET www.google.com/index.html

GET www.google.com/

www.google.com + /

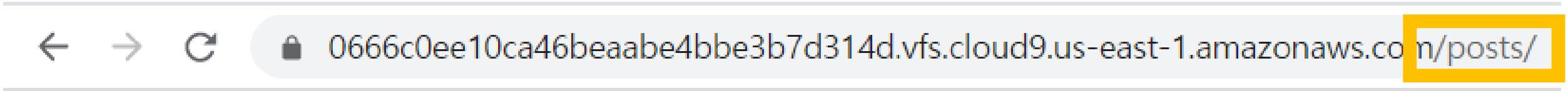

Go to Anything (Ctrl-P)
GSM_Django - /h
gsm
gsm
__init__.py
asgi.py
settings.py
urls.py
wsgi.py
posts
migrations
__init__.py
admin.py
apps.py
models.py
tests.py
views.py
db.sqlite3
urls.py
views.py
Including another URLconf
1. Import the include() function: from django.urls
2. Add a URL to urlpatterns: path('blog/', includ
"""
from django.contrib import admin
from django.urls import path
from posts import views
urlpatterns = [
path('admin/', admin.site.urls),
path('posts/', views.index, name='index'),
]
24:1 Python Spaces: 4
python3 - "ip-172-31-8
Immediate (Javascript
rk properly until you apply the migrations for app(s): admi
You have 18 unapplied migration(s). Your project may not wo
rk properly until you apply the migrations for app(s): admi
n, auth, contenttypes, sessions.


File Edit Find View Go Run Tools Window Support
Go to Anything (Ctrl-P)
GSM_Django - /h
gsm
gsm
__init__.py
asgi.py
settings.py
urls.py
wsgi.py
posts
migrations
__init__.py
admin.py
apps.py
models.py
tests.py
views.py
db.sqlite3
urls.py
views.py
1 from django.shortcuts import render
2
3
4 from django.http import HttpResponse
5
6 def index(request):
7 return HttpResponse("Hello World !")
7:41 Python Spaces: 4
python3 - "ip-172-31-8
Immediate (Javascript
rk properly until you apply the migrations for app(s): admi
You have 18 unapplied migration(s). Your project may not wo
rk properly until you apply the migrations for app(s): admi
n, auth, contenttypes, sessions.
Run 'python manage.py migrate' to apply them.



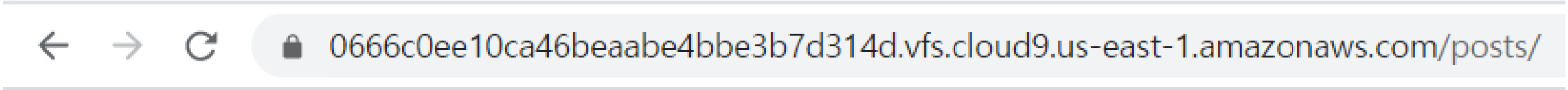
Hello World !

GET preview.amazonaws.com/posts/



Hello World !

GET preview.amazonaws.com/posts/



Hello World !

GET preview.amazonaws.com/posts/

HTTP Request

포스트 정보를 얻고 싶어요.

(GET /posts)

자, Hello World 여기 있어~

HTTP Response

Client

bts.biighitofical

BTS

574 게시물 | 93.6만 팔로워 | 15 팔로잉

BTS 방탄소년단 (ARMY)
팬 페이지
— fanstagram
Follow my new account @bigihit_ent for UNSEEN content of BTS (pictures + videos)
DM for paid promotions... 더 보기
번역 보기
cokodive.com/?aff=626

팔로우 | 메시지

BTS wallpapers | BTS pictures | new BTS pics | BTS pics | Bangtan

Layout A

Instagram 검색 로그인 가입하기

bts.bighitofficial 팔로우

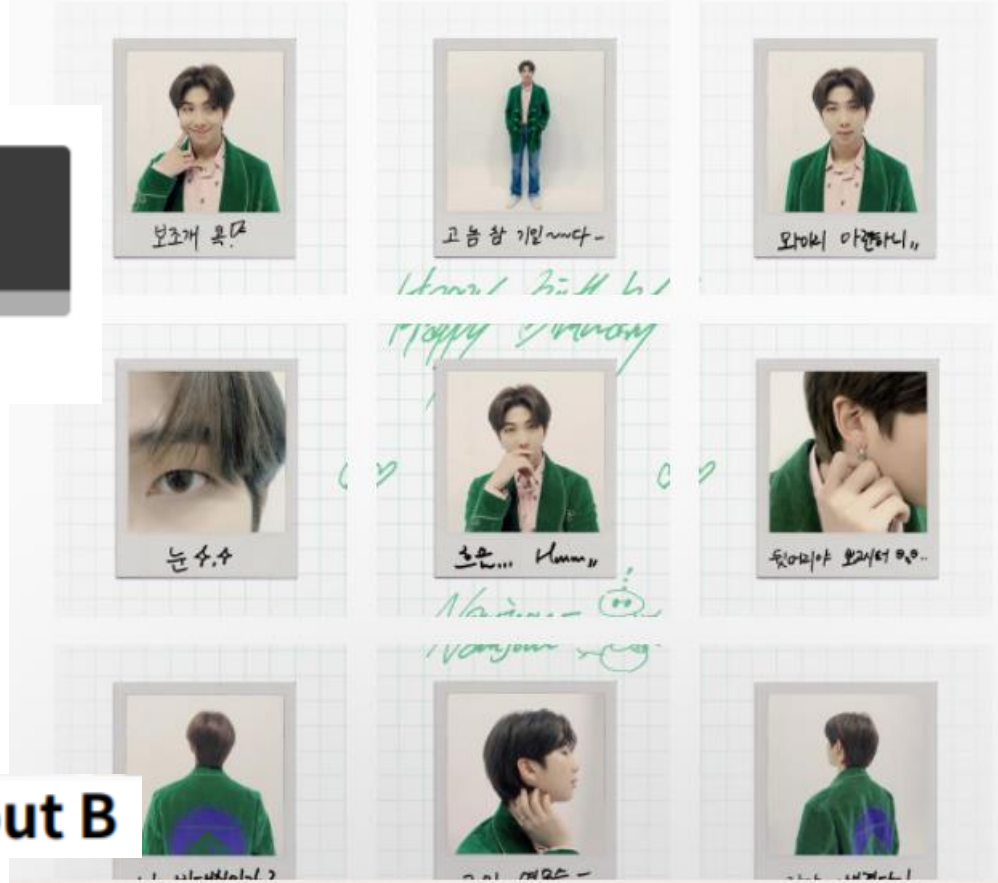
BTS

게시물 594 팔로워 31.2백만 팔로우 2

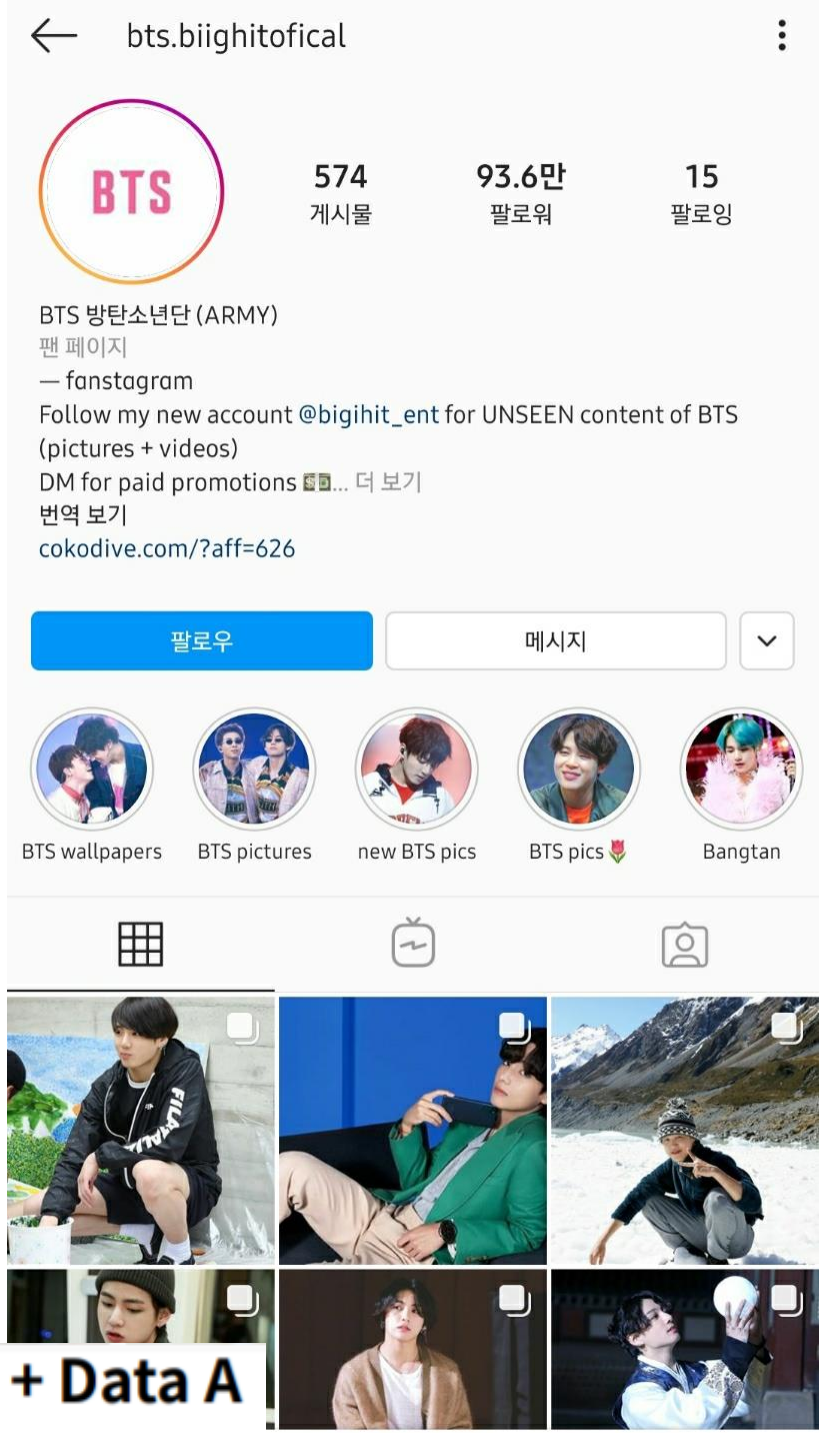
BTS official
#방탄소년단 공식 인스타그램입니다.
This is the Official Instagram for #BTS
▼ 'Dynamite' Out Now ▼
youtu.be/gdZLi9oWNZg

2020.01 BT... | SOUND CH...

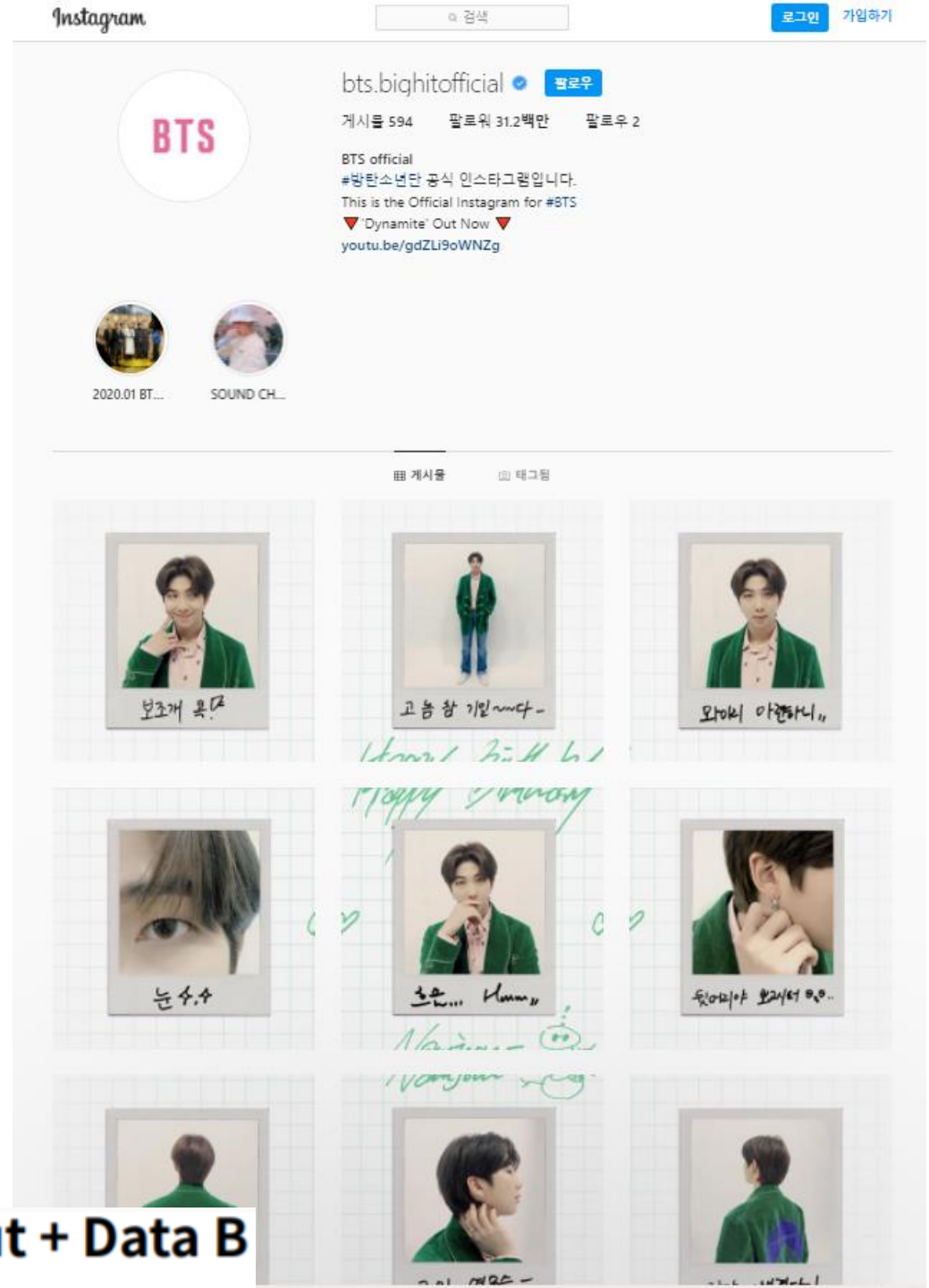
게시물 | 태그됨



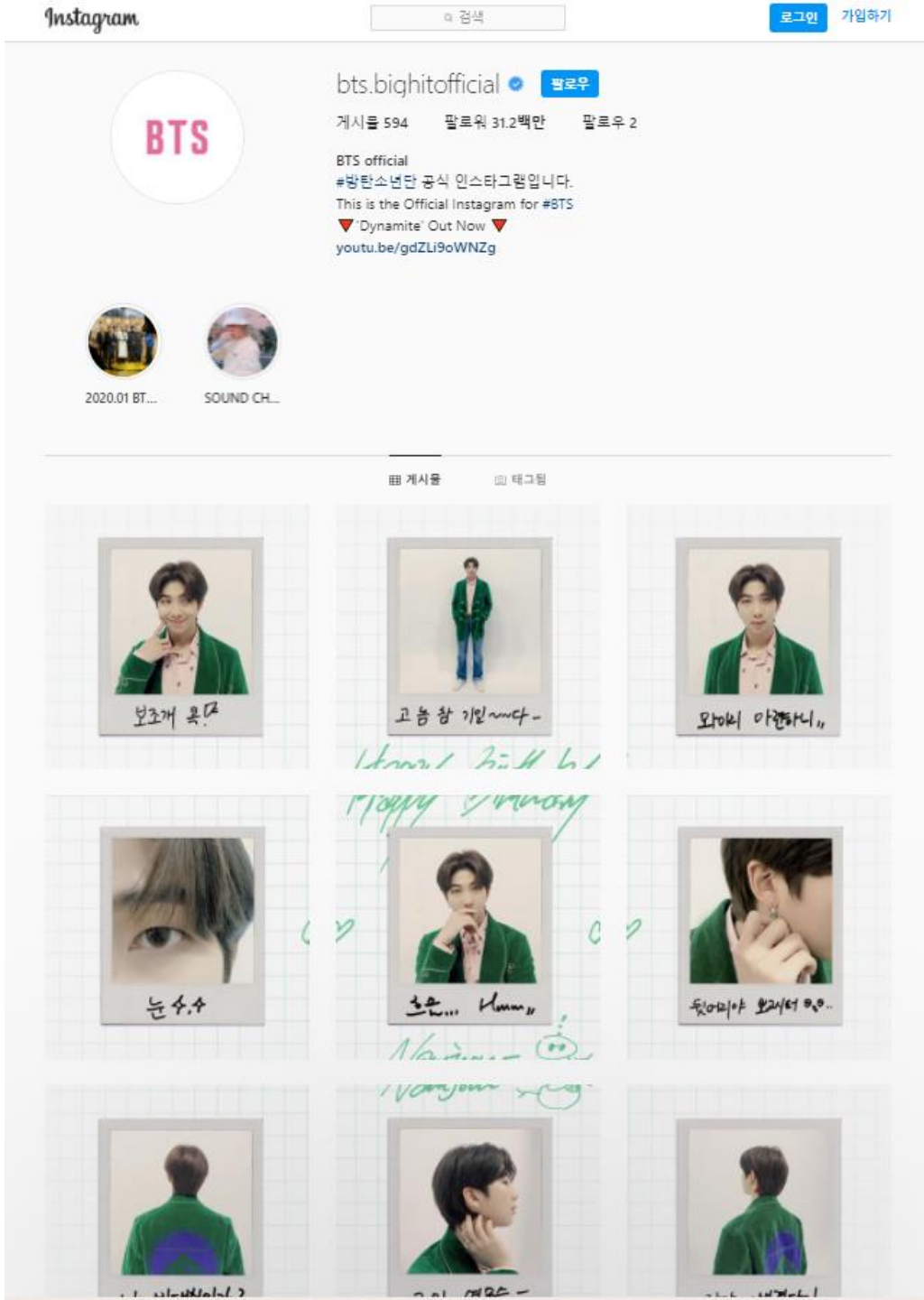
Layout B



Layout + Data A



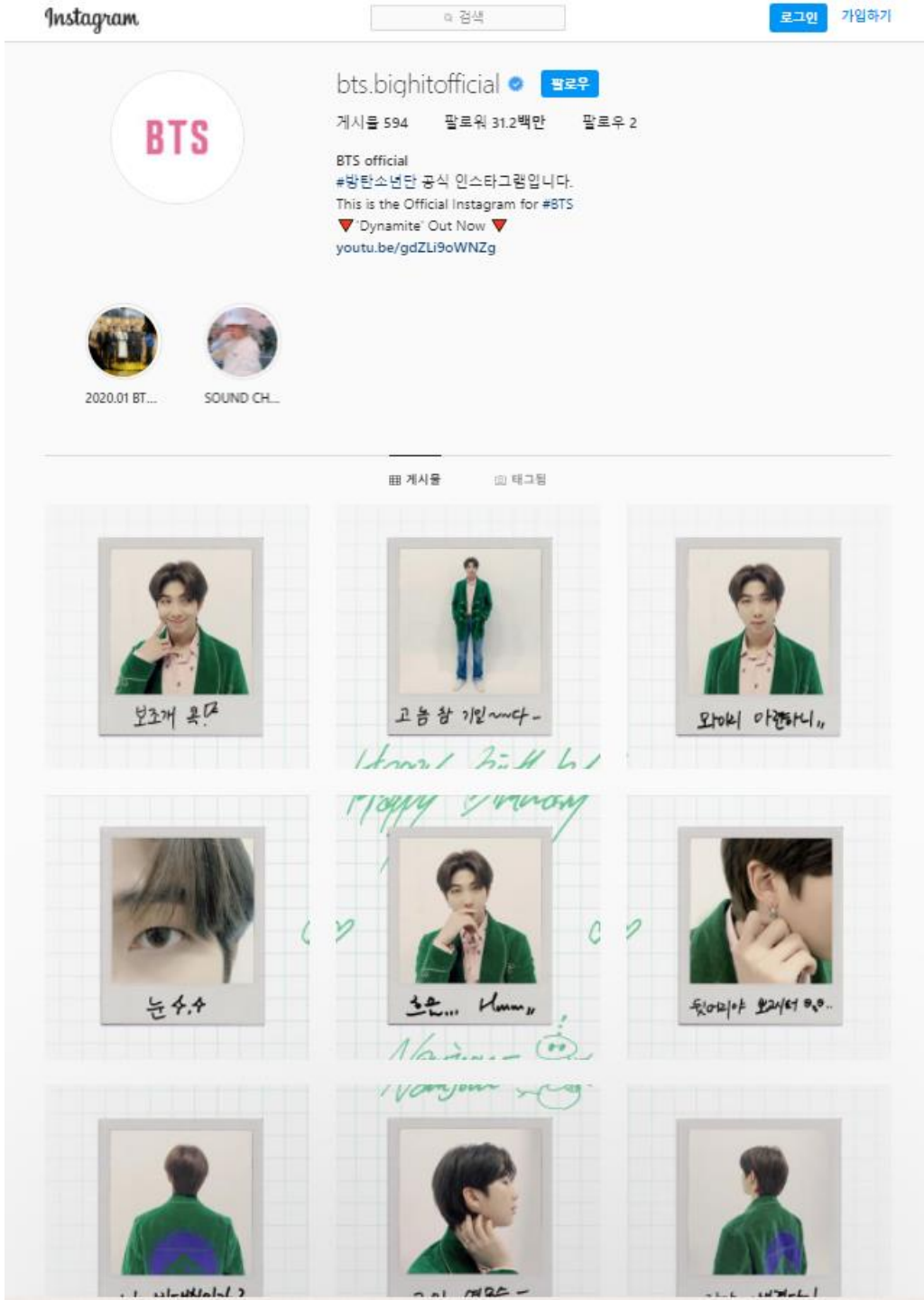
Layout + Data B



Logic

로그인을 어떻게 처리해야 할까?

나를 Follow 하는 사람들을 어떻게 계산할까?



Logic

Layout

Data

Model

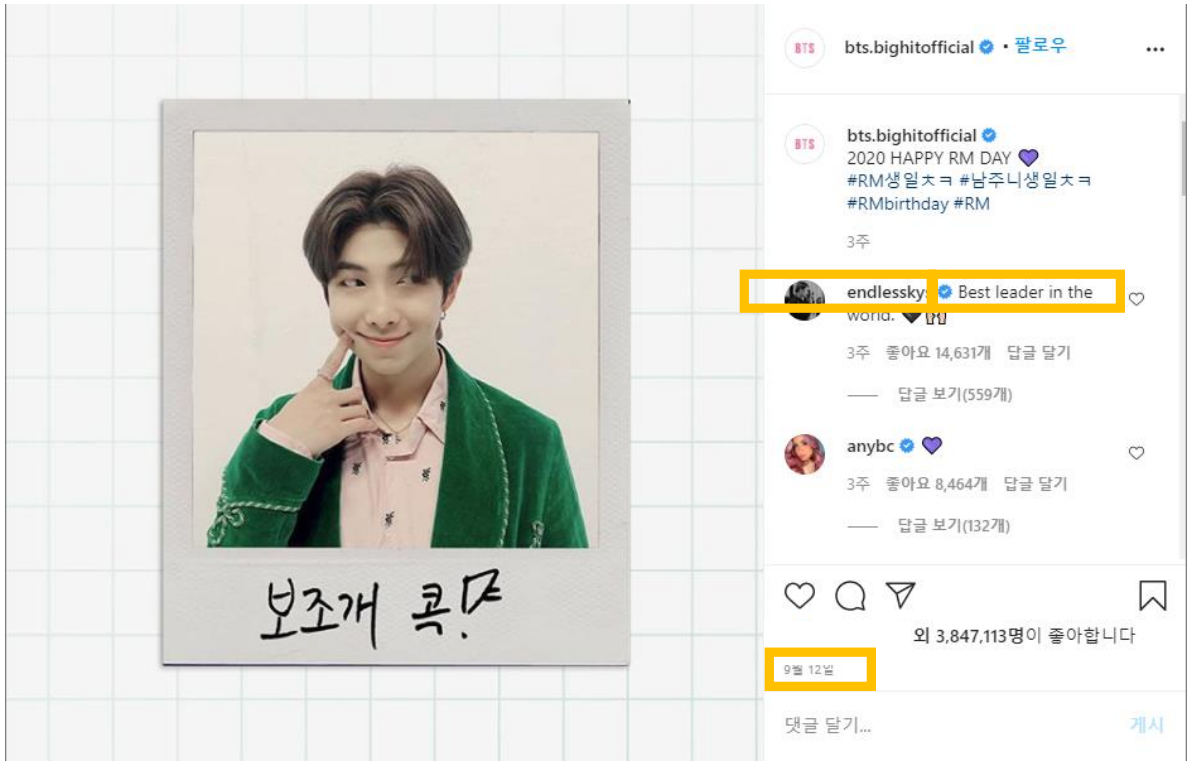
author	body	crated_at
miin_0	방탄소년단 짱	2020-10-07
anybc	♥	2020-09-29
gsm	보조개 콕	2020-08-15

```python
from django.db import models

class Post(models.Model):
    author = models.CharField(max_length=100)
    body = models.TextField()
    created_at = models.DateField()

    def __str__(self):
        return f'Author: {self.author} | Body: {self.body}'
```

author	body	crated_at
miin_0	방탄소년단 짱	2020-10-07
anybc	♥	2020-09-29
gsm	보조개 콕	2020-08-15

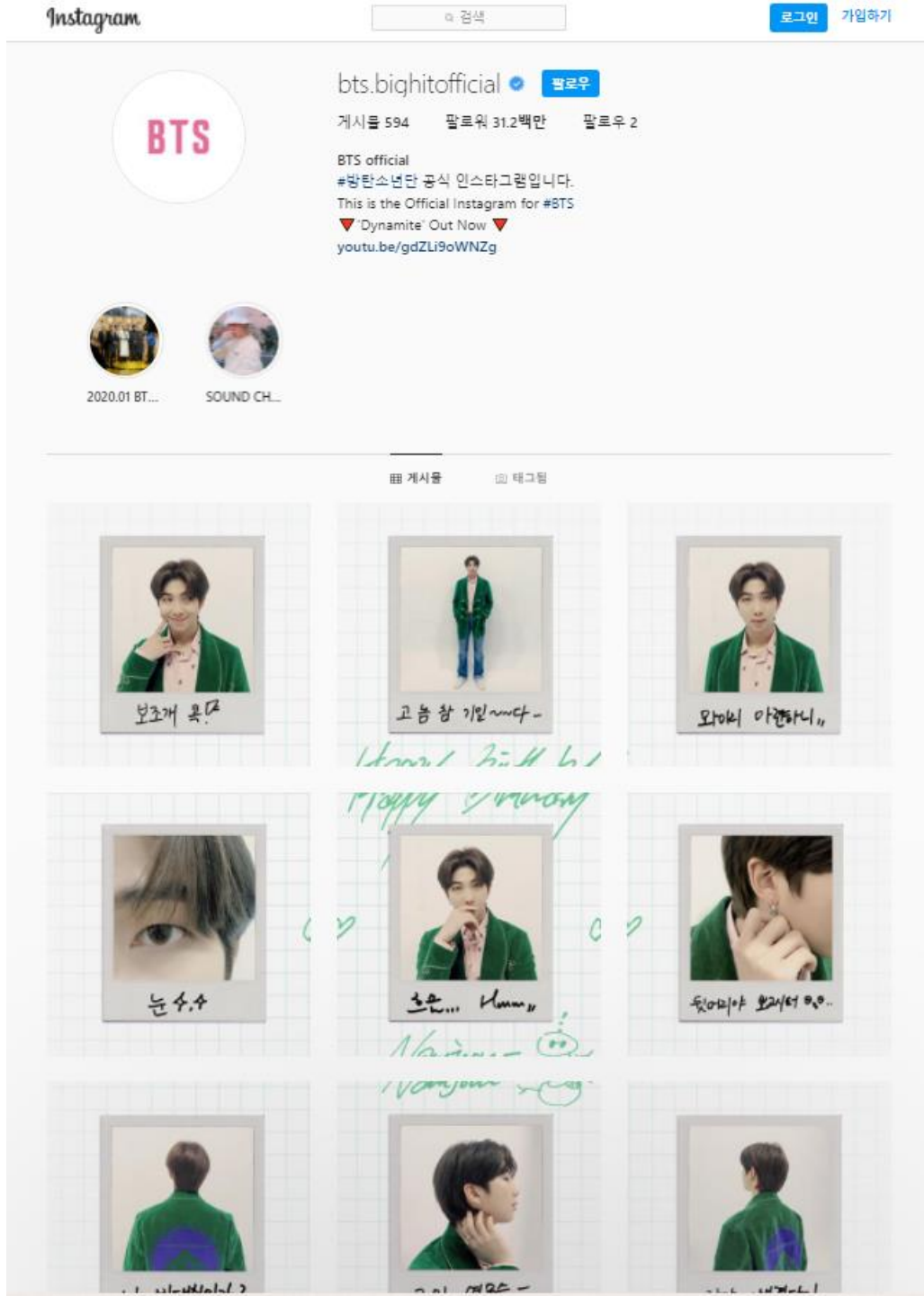
Template

```
<body>
    {% if posts %}
        <ul>
        {% for post in posts %}
            <li>Author: {{ post.author }} | Body: {{ post.body }}</li>
        {% endfor %}
        </ul>
    {% else %}
        <p>No Posts.</p>
    {% endif %}
</body>
```

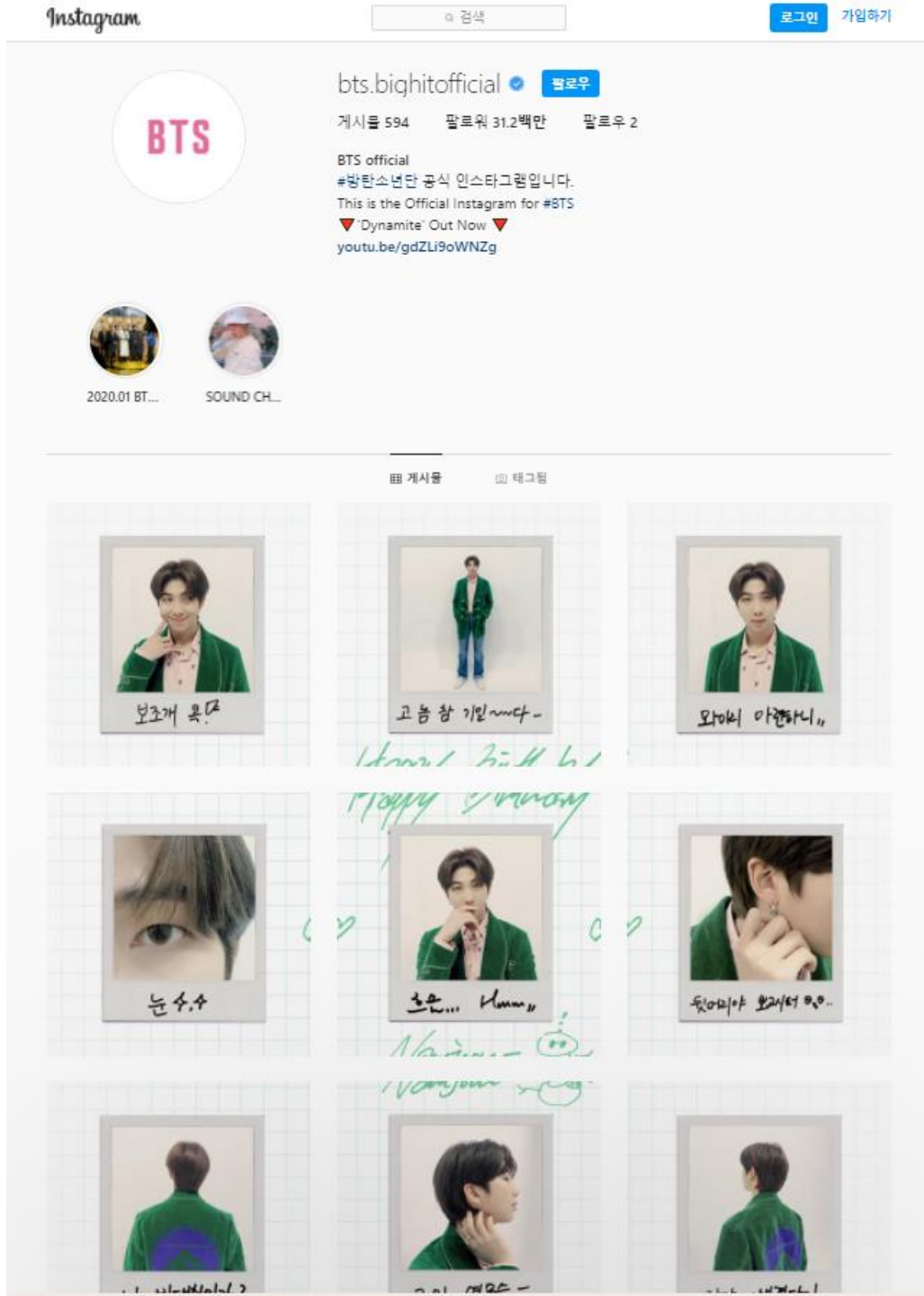



```
<body>
    {% if posts %}
        <ul>
        {% for post in posts %}
            <li> Author: {{ post.author }} Body: {{ post.body }} </li>
        {% endfor %}
        </ul>
    {% else %}
        <p>No Posts.</p>
    {% endif %}
</body>
```

View




```python
from django.shortcuts import render
from .models import Post

def index(request):
    posts = Post.objects.order_by('-created_at')[:3]
    context = {'posts': posts}
    return render(request, 'posts/index.html', context)
```

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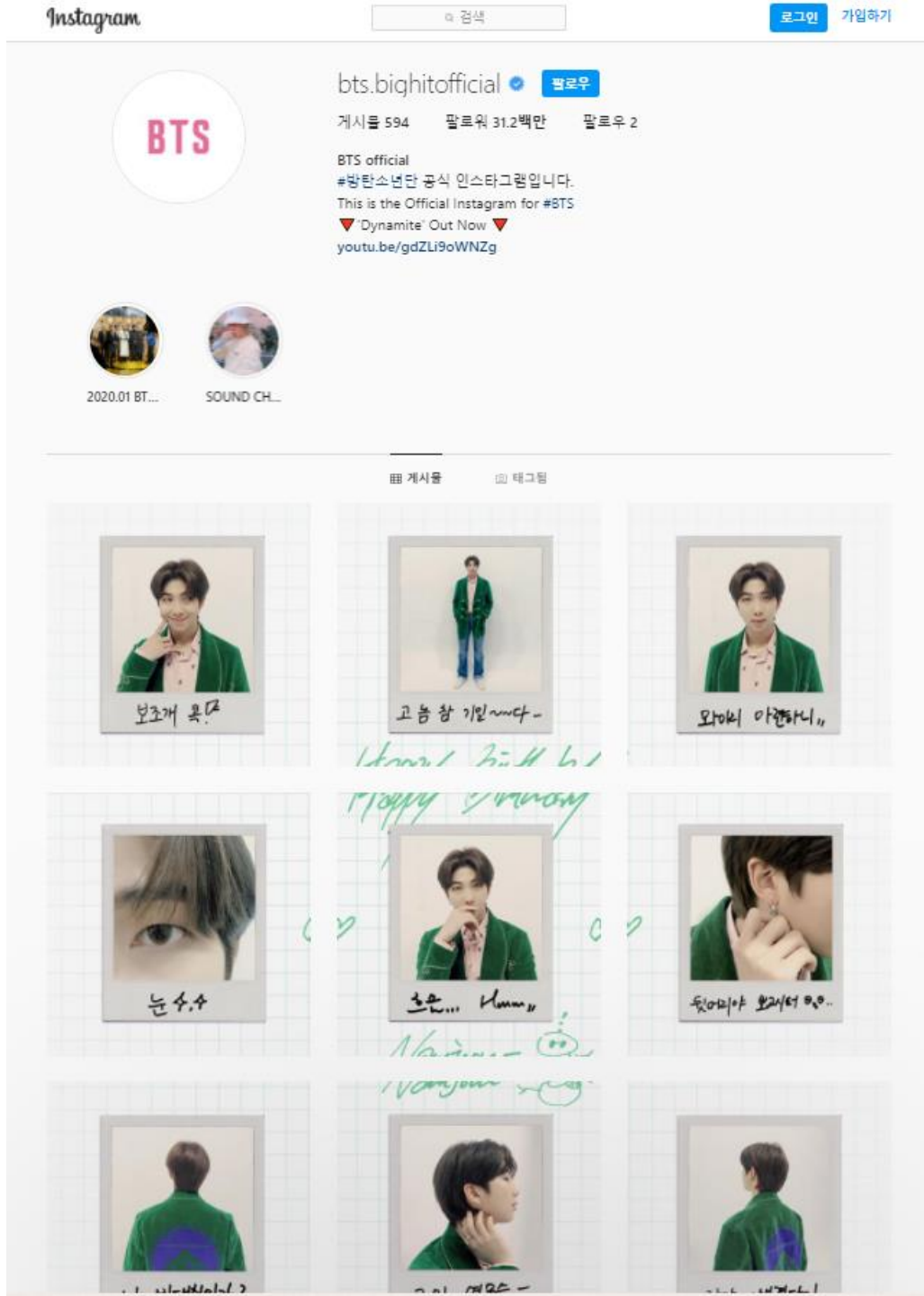


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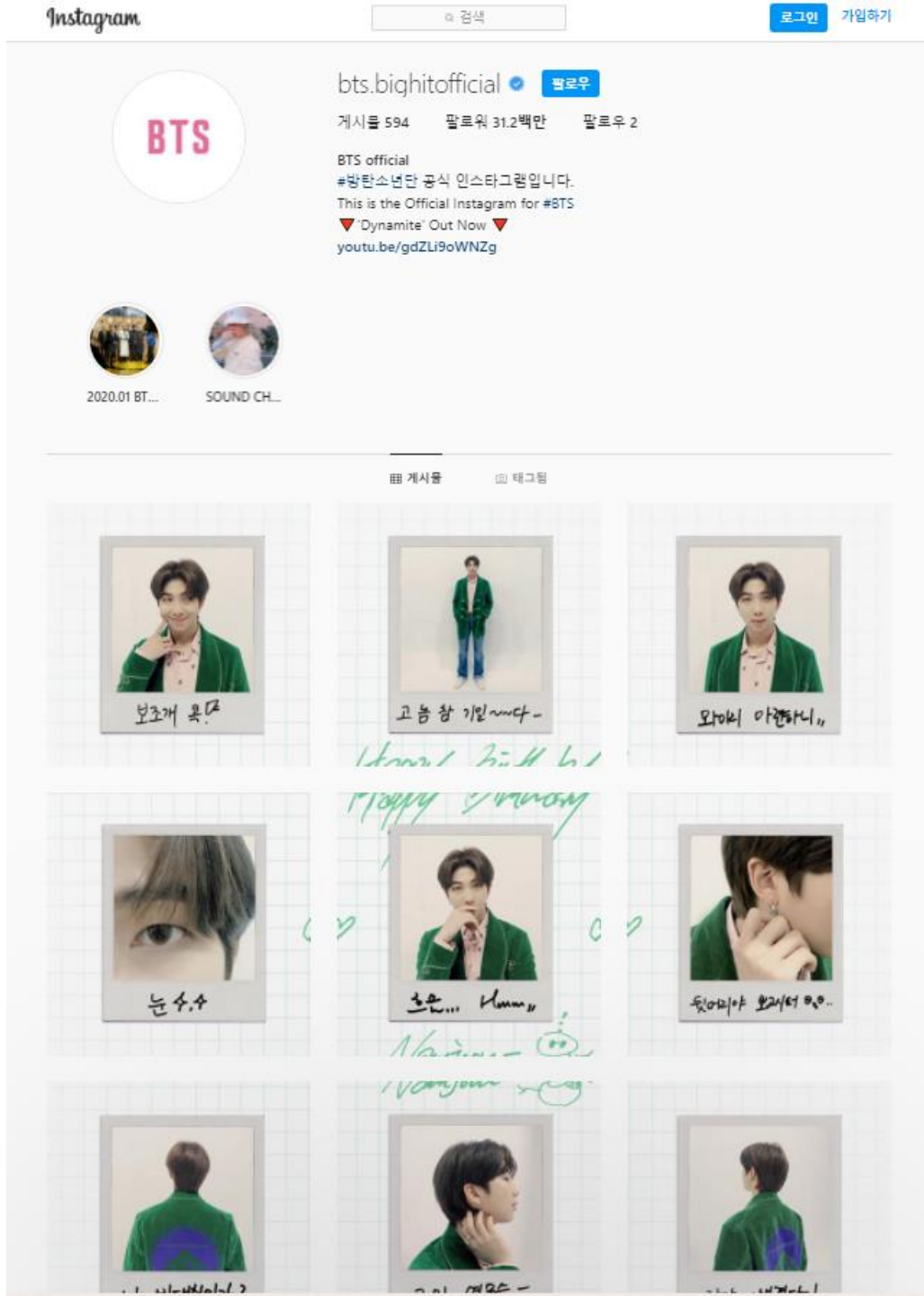
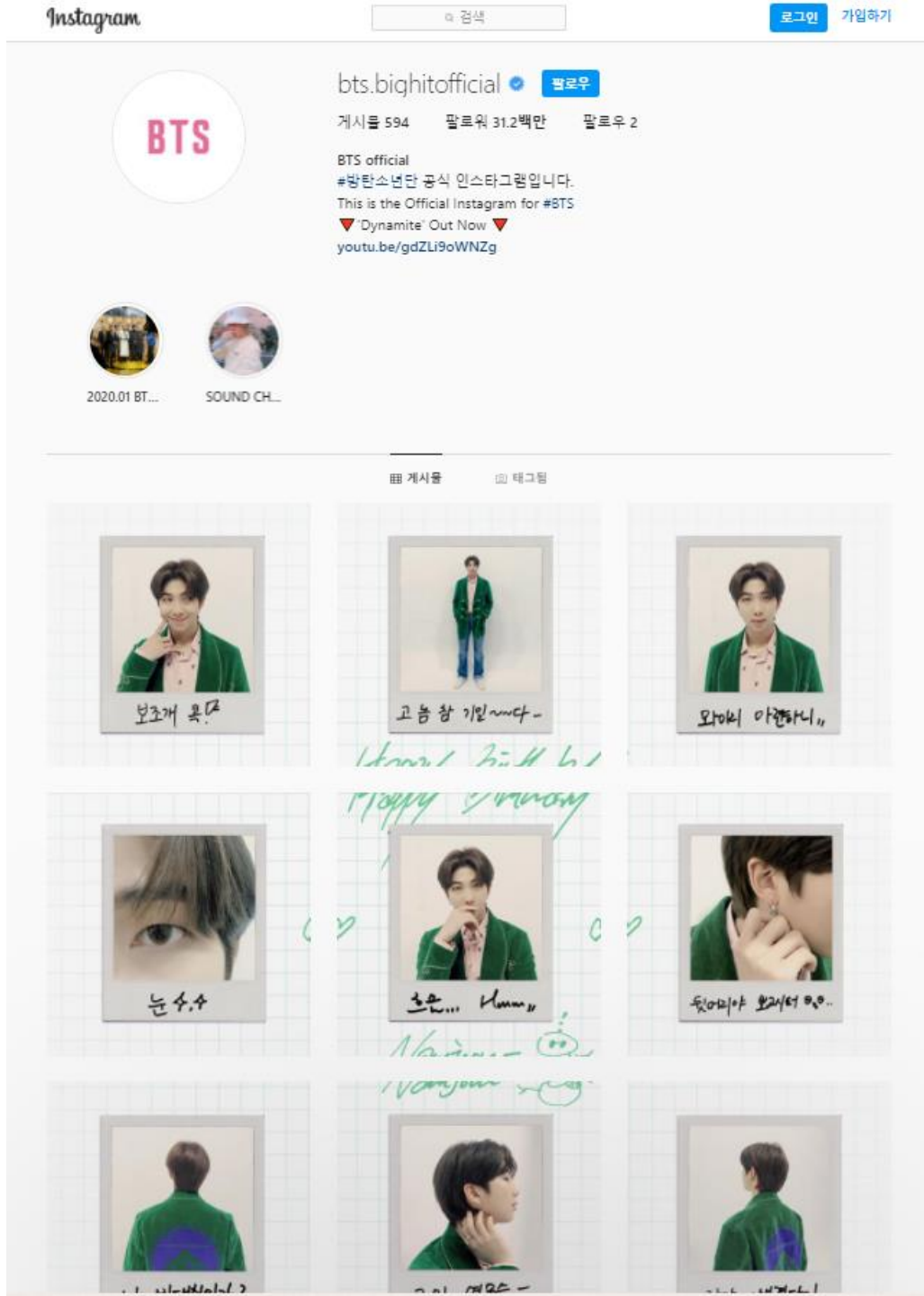


Logic

Layout

Data



Logic

View

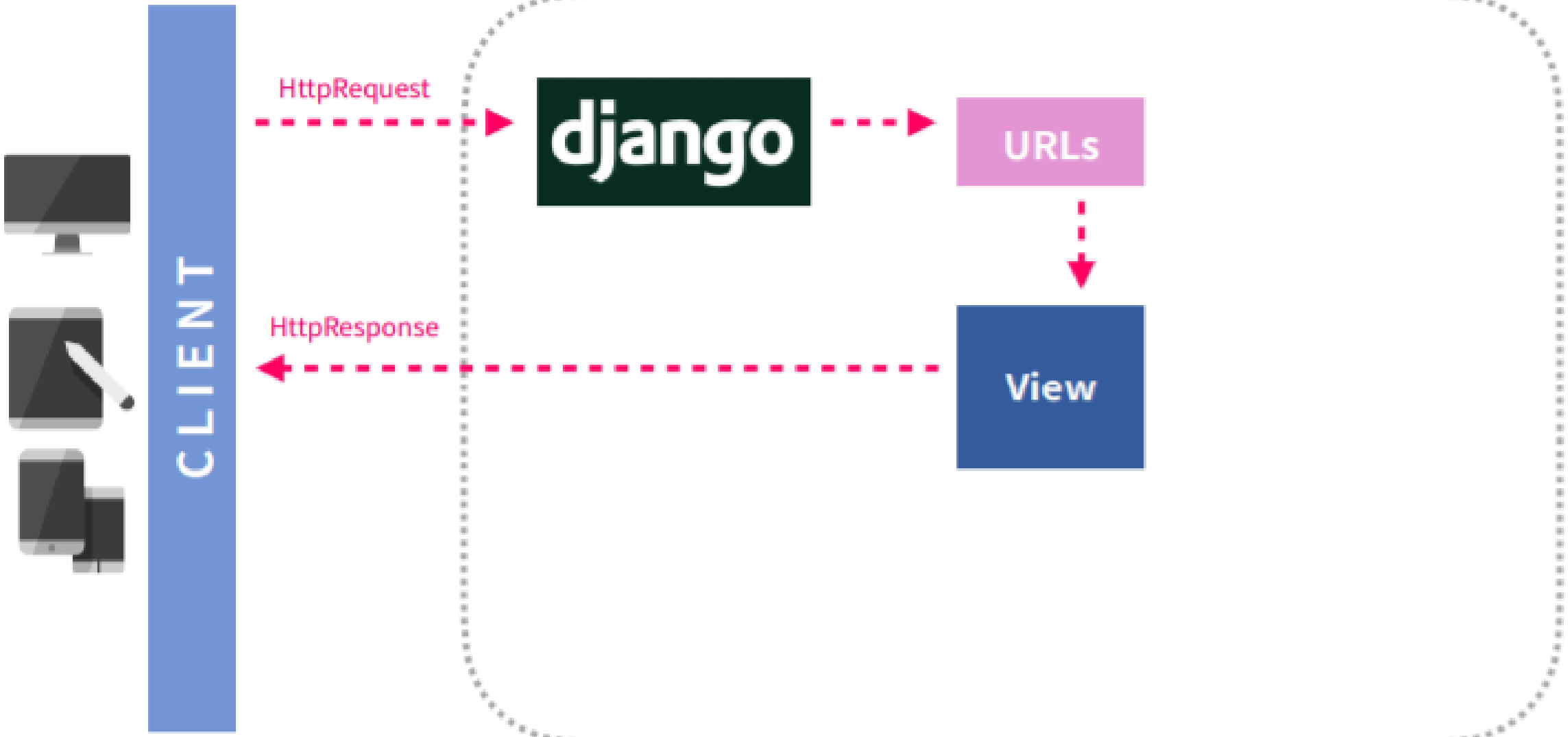
Layout

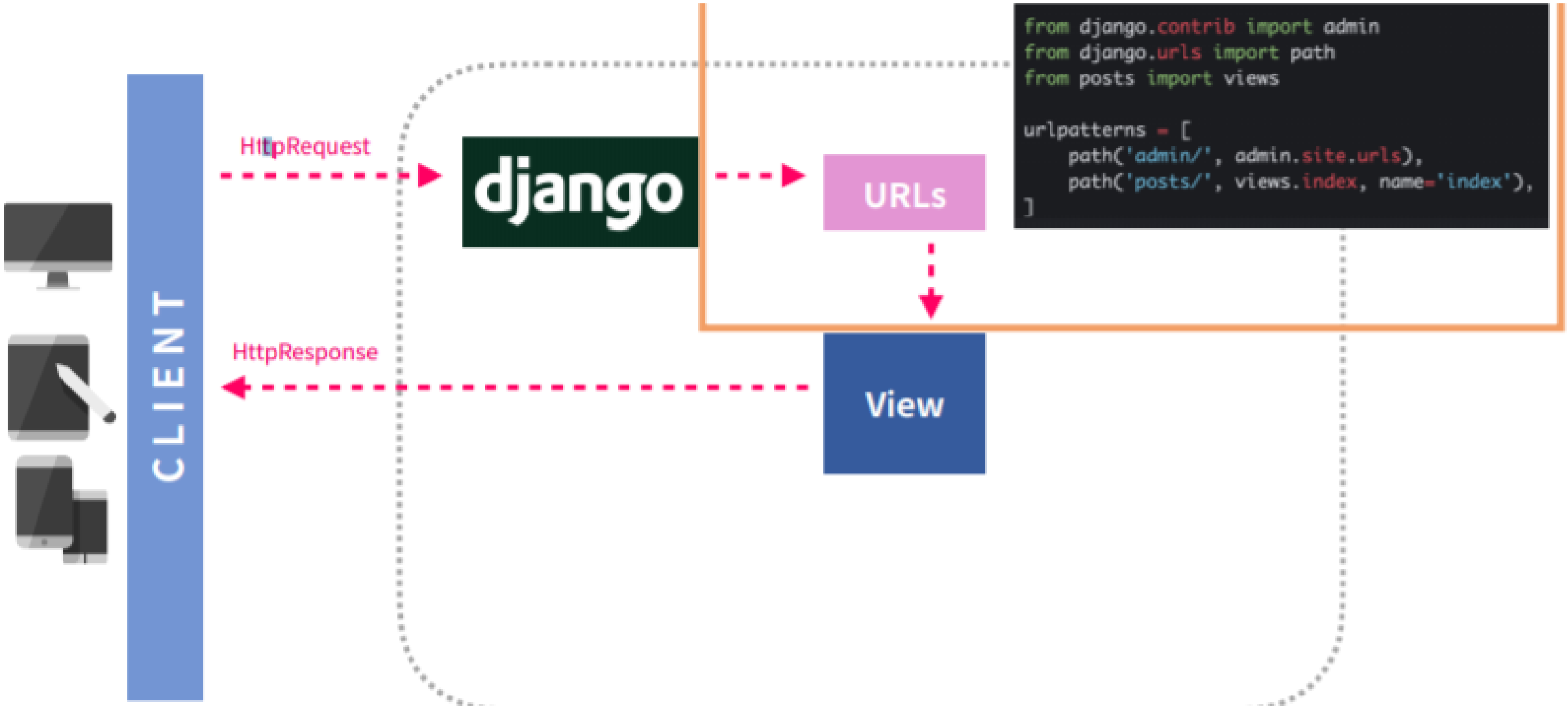
Template

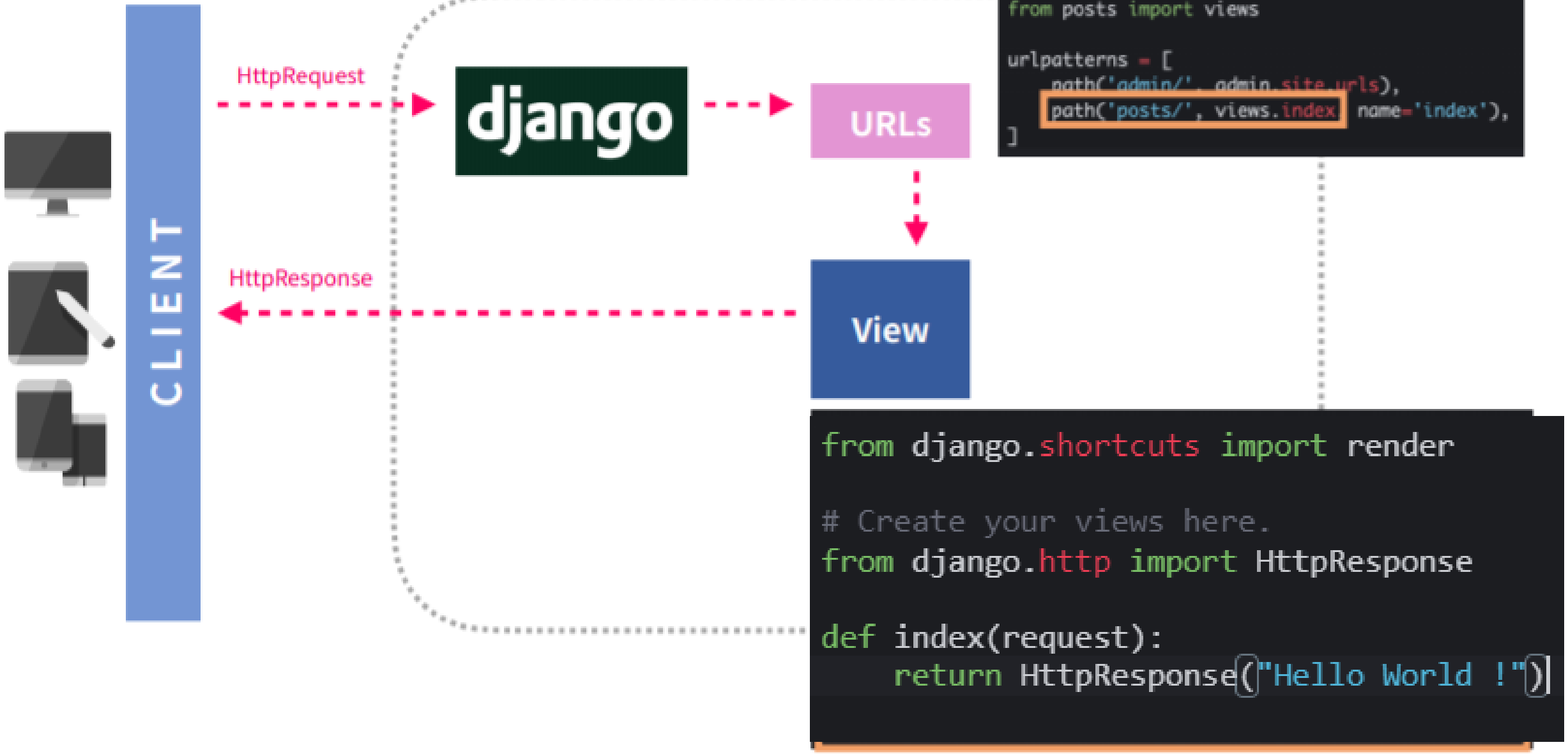
Data

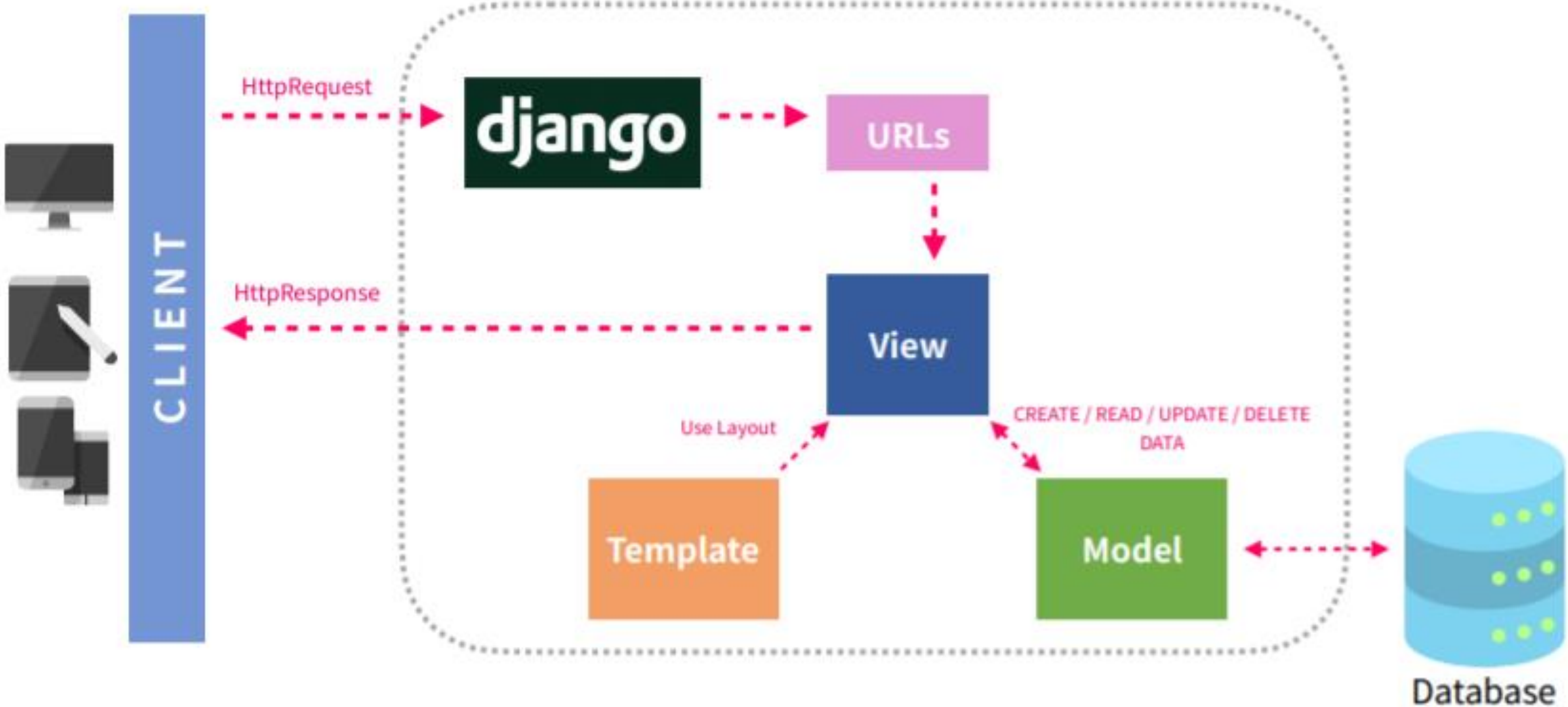
Model

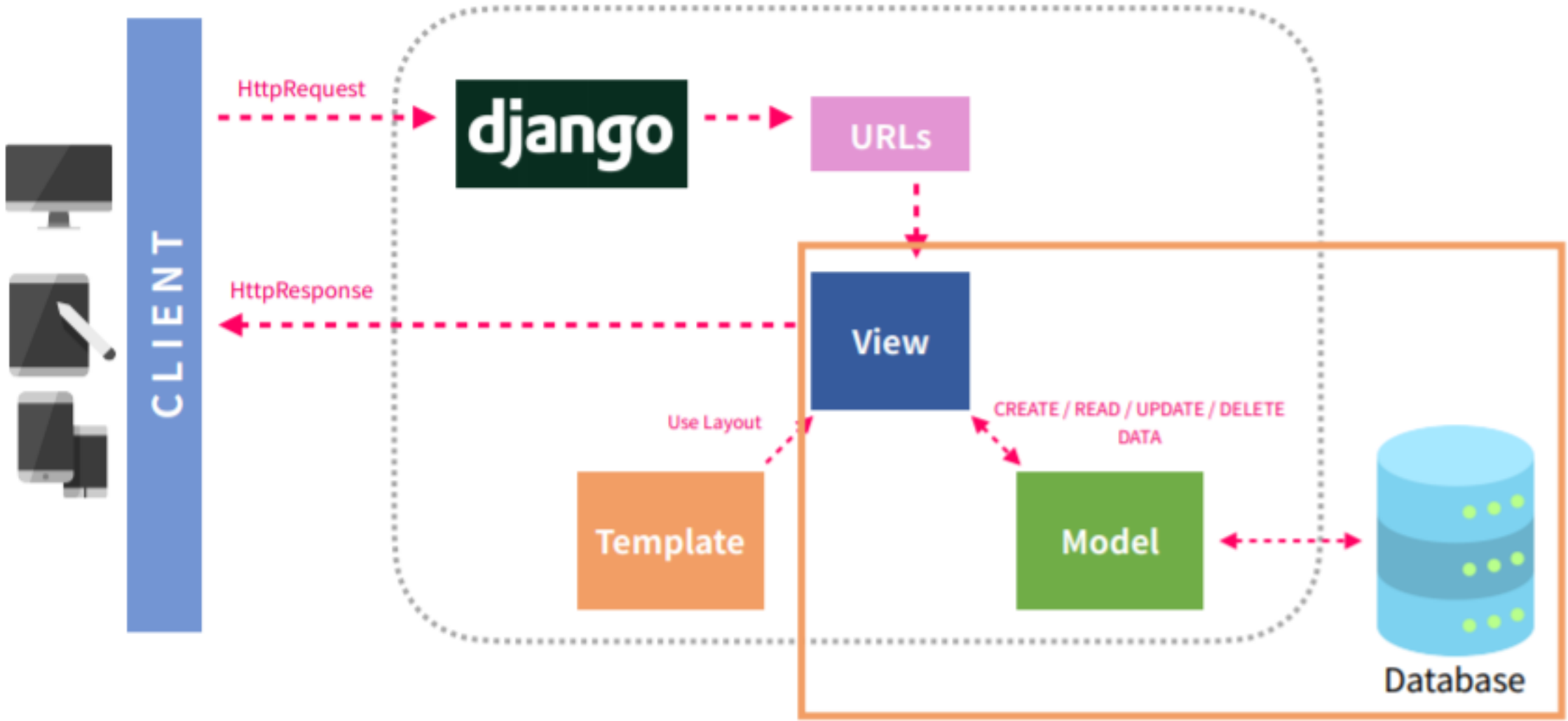
MVT (MTV) Pattern


CLIENT
HttpRequest
django
URLs
HttpResponse
View


CLIENT
HttpRequest
HttpResponse
django
URLs
View
from django.contrib import admin
from django.urls import path
from posts import views
urlpatterns = [
path('admin/', admin.site.urls),
path('posts/', views.index, name='index'),
]


CLIENT
HttpRequest
HttpResponse
django
URLs
View
from django.contrib import admin
from django.urls import path
from posts import views
urlpatterns = [
path('admin/', admin.site.urls),
path('posts/', views.index, name='index'),
]
from django.shortcuts import render
# Create your views here.
from django.http import HttpResponse
def index(request):
return HttpResponse("Hello World !")


CLIENT
HttpRequest
django
URLs
HttpResponse
View
Use Layout
CREATE / READ / UPDATE / DELETE
DATA
Template
Model
Database


CLIENT
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HttpResponse
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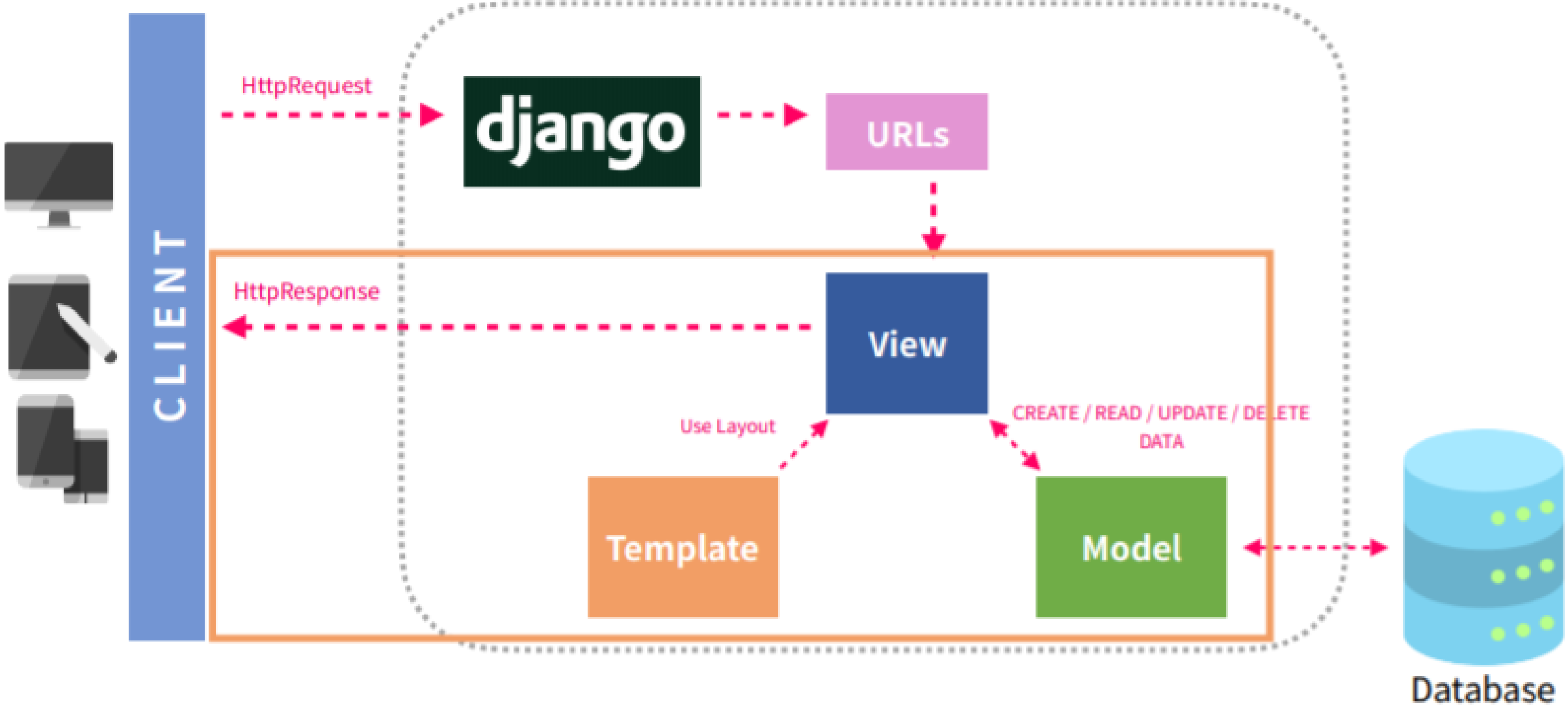
CREATE / READ / UPDATE / DELETE
DATA
Template
Model
Database

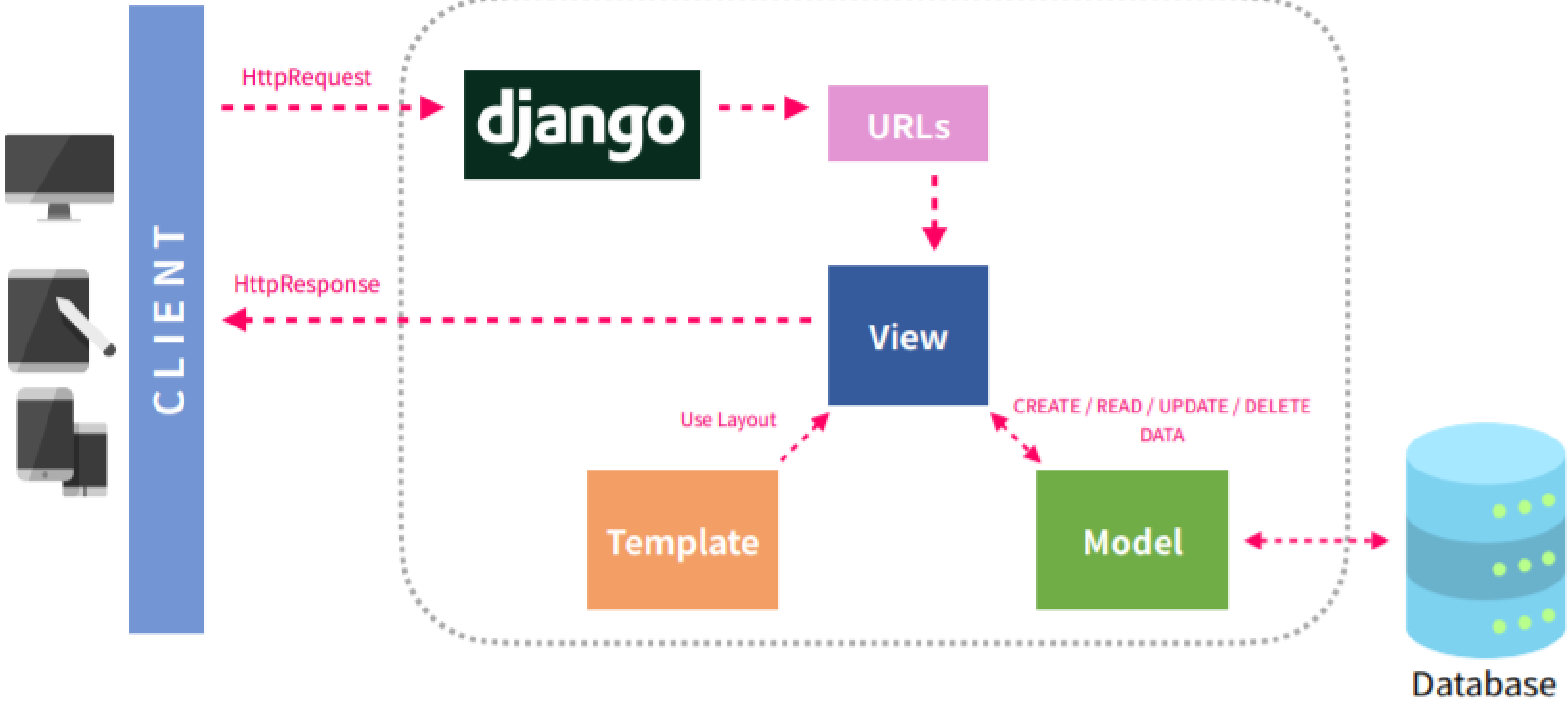

CLIENT
HttpRequest
django
URLs
HttpResponse
View
Use Layout
CREATE / READ / UPDATE / DELETE
DATA
Template
Model
Database

django

URL Configuration

{ Template }

Static Files


CLIENT
HttpRequest
HttpResponse
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URLs
View
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Template
CREATE / READ / UPDATE / DELETE
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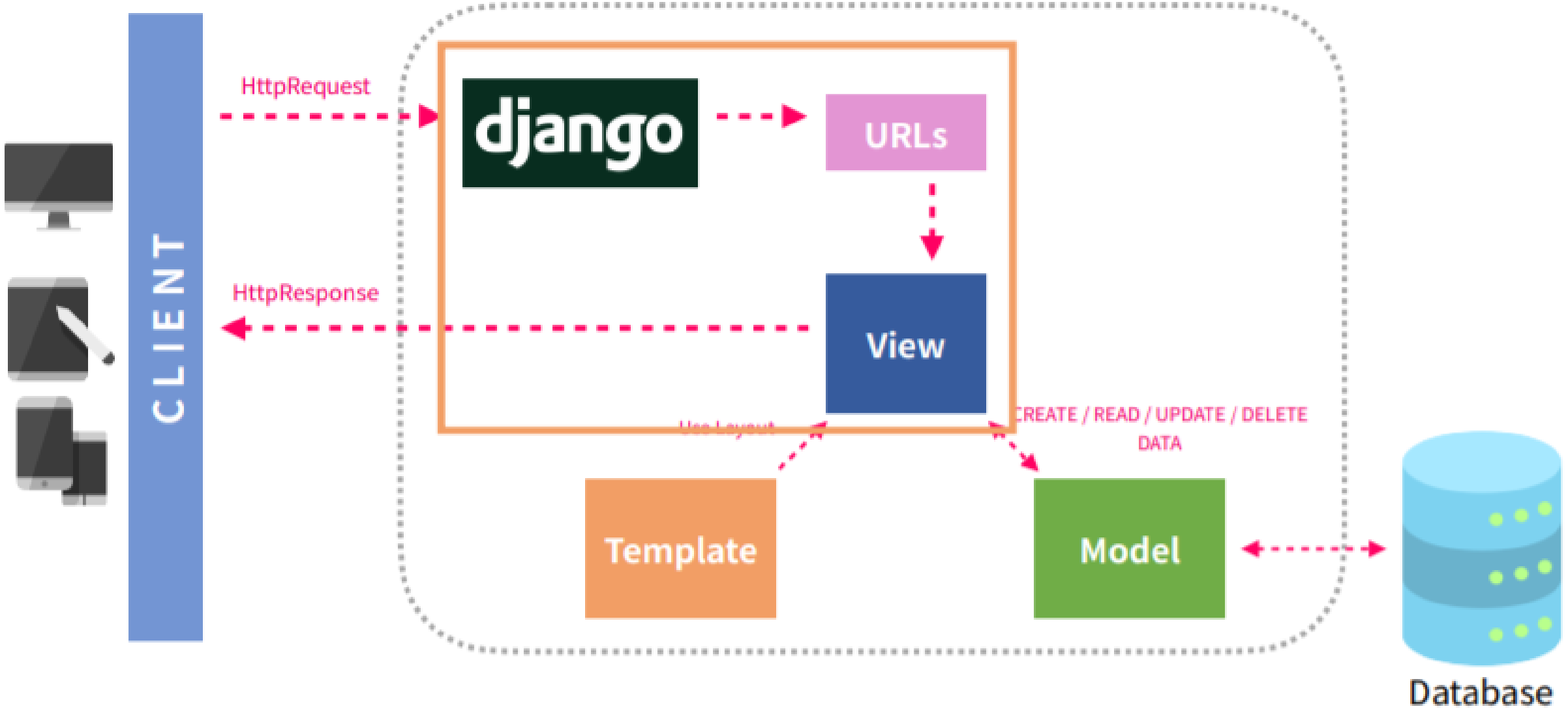
CLIENT
HttpRequest
HttpResponse
django
URLs
View
Use Layout
Template
CREATE / READ / UPDATE / DELETE
DATA
Model
Database

www.gsm.com/posts/

gsm/urls.py/

urls.py

```
Including another URLconf
    1. Import the include() function: from django.
    2. Add a URL to urlpatterns:  path('blog/', ir
"""
from django.contrib import admin
from django.urls import path
from posts import views

urlpatterns = [
    path('admin/', admin.site.urls),
    path('posts/', views.index, name='index'),
]
```

posts/views.py

views.py

```
from django.shortcuts import render

# Create your views here.
from django.http import HttpResponse

def index(request):
    return HttpResponse("Hello World !")
```

www.gsm.com/posts/

www.gsm.com/users/

www.gsm.com/portfolios/

HttpRequest

URLs

View

gsm/urls.py/

urls.py

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posts/views.py

views.py

```
from django.shortcuts import render

# Create your views here.
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def index(request):
    return HttpResponse("Hello World !")
```

www.gsm.com/posts/

www.gsm.com/users/

www.gsm.com/portfolios/

gsm/urls.py/

```
from django.contrib import admin
from django.urls import path
from posts import views
from users import views
from portfolios import views

urlpatterns = [
    path('admin/', admin.site.urls),
    path('posts/', views.index, name='index'),
    path('users/', views.index, name='index'),
    path('portfolios/', views.index, name='index'),
]
```

www.gsm.com/posts/

www.gsm.com/users/

www.gsm.com/portfolios/

gsm/urls.py/

```
15  """
16  from django.contrib import admin
17  from django.urls import
18  from posts import views as posts_views
19  from users import views as users_views
20  from portfolios import views as portfolios_views
21
22  urlpatterns = [
23      path('admin/', admin.site.urls),
24      path('posts/', posts_views.index, name='index'),
25      path('users/', users_views.index, name='index'),
26      path('portfolios/', portfolios_views.index, name='index')
27  ]
```

www.gsm.com/posts/

www.gsm.com/users/

www.gsm.com/portfolios/

……

……

……

……

……

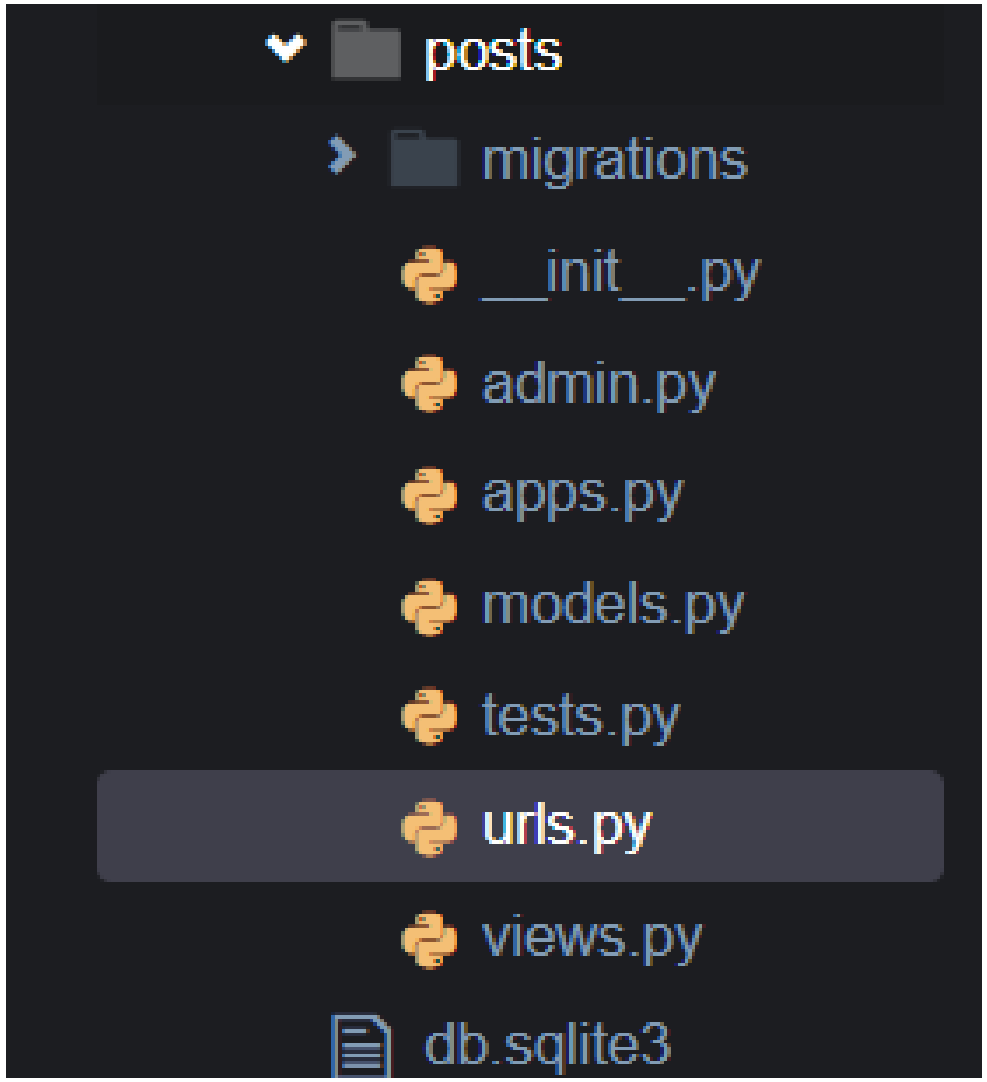
gsm/urls.py/

```
15  """
16  from django.contrib import admin
17  from django.urls import
18  from posts import views as posts_views
19  from users import views as users_views
20  from portfolios import views as portfolios_views
21
22  urlpatterns = [
23      path('admin/', admin.site.urls),
24      path('posts/', posts_views.index, name='index'),
25      path('users/', users_views.index, name='index'),
26      path('portfolios/', portfolios_views.index, name='index')
27  ]
```

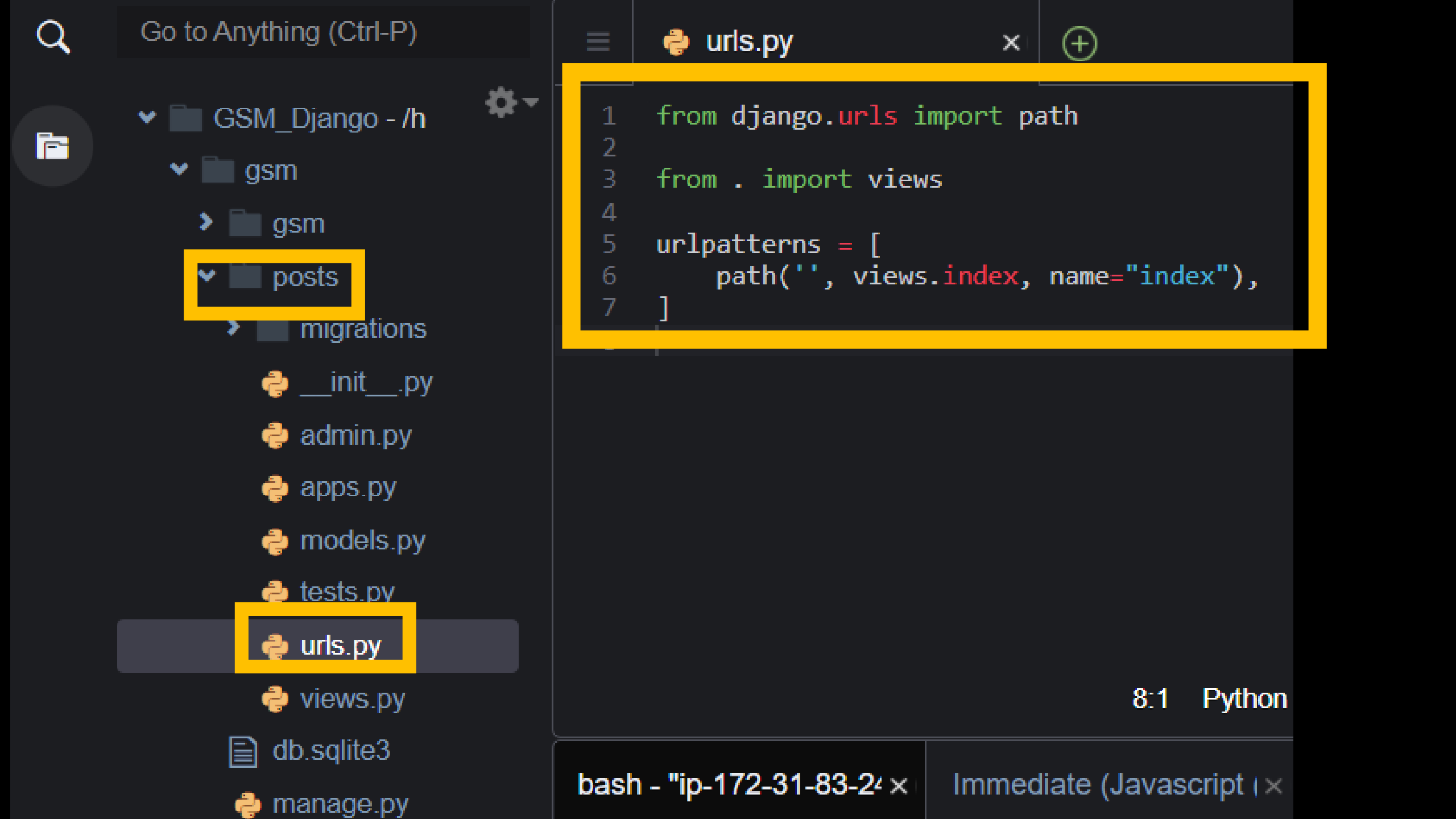
……

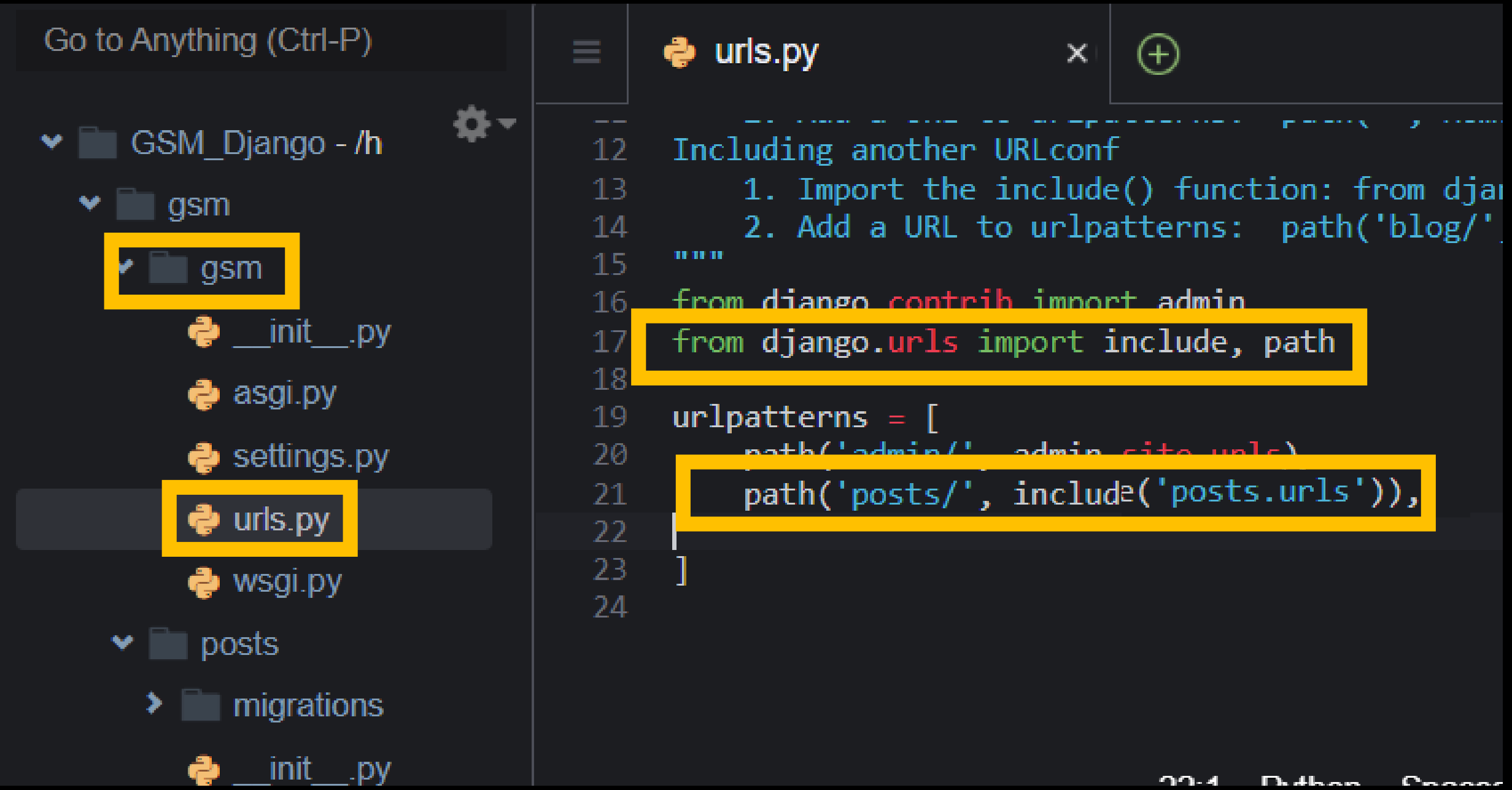
……

……


posts
migrations
__init__.py
admin.py
apps.py
models.py
tests.py
urls.py
views.py
db.sqlite3

추가 !


Go to Anything (Ctrl-P)
GSM_Django - /h
gsm
gsm
posts
migrations
__init__.py
admin.py
apps.py
models.py
tests.py
urls.py
views.py
db.sqlite3
manage.py
urls.py
1 from django.urls import path
2
3 from . import views
4
5 urlpatterns = [
6 path('', views.index, name="index"),
7]
8:1 Python
bash - "ip-172-31-83-2
Immediate (Javascript


Go to Anything (Ctrl-P)
GSM_Django - /h
gsm
gsm
__init__.py
asgi.py
settings.py
urls.py
wsgi.py
posts
migrations
__init__.py
urls.py
12 Including another URLconf
13 1. Import the include() function: from dja
14 2. Add a URL to urlpatterns: path('blog/'
15 """
16 from django.contrib import admin
17 from django.urls import include, path
18
19 urlpatterns = [
20
21 path('posts/', include('posts.urls')),
22
23]
24

gsm/urls.py/

```
9   urlpatterns = [
0       path('admin/', admin.site.urls),
1       path('posts/', include('posts.urls')),
2   |
3   ]
```

www.gsm.com/posts/

www.gsm.com/posts/10

www.gsm.com/posts/like

www.gsm.com/posts/comment

posts.urls.py

```
urlpatterns = [
    path('', views.index, name="index"),
    path('<int:post_id>', views.detail, name="detail"),
    path('<int:post_id>/commnet', views.commnet, name="commnet"),
    path('/like', views.like, name="like"),
]
```

gsm/urls.py/

```
9   urlpatterns = [
0       path('admin/', admin.site.urls),
1       path('posts/', include('posts.urls')),
2   ]
3
```

www.gsm.com/posts/

www.gsm.com/posts/10

www.gsm.com/posts/like

www.gsm.com/posts/comment

posts.urls.py

posts/로 시작하는 URL은 posts 패키지의 urls 파일을 참조하라

```
urlpatterns = [
    path('', views.index, name="index"),
    path('<int:post_id>', views.detail, name="detail"),
    path('<int:post_id>/commnet', views.commnet, name="commnet"),
    path('like', views.like, name="like"),
]
```

gsm/urls.py/

```
9   urlpatterns = [
0       path('admin/', admin.site.urls),
1       path('posts/', include('posts.urls')),
2   |
3    ]
```

www.gsm.com/posts/

www.gsm.com/posts/10

www.gsm.com/posts/like

www.gsm.com/posts/comment

posts.urls.py

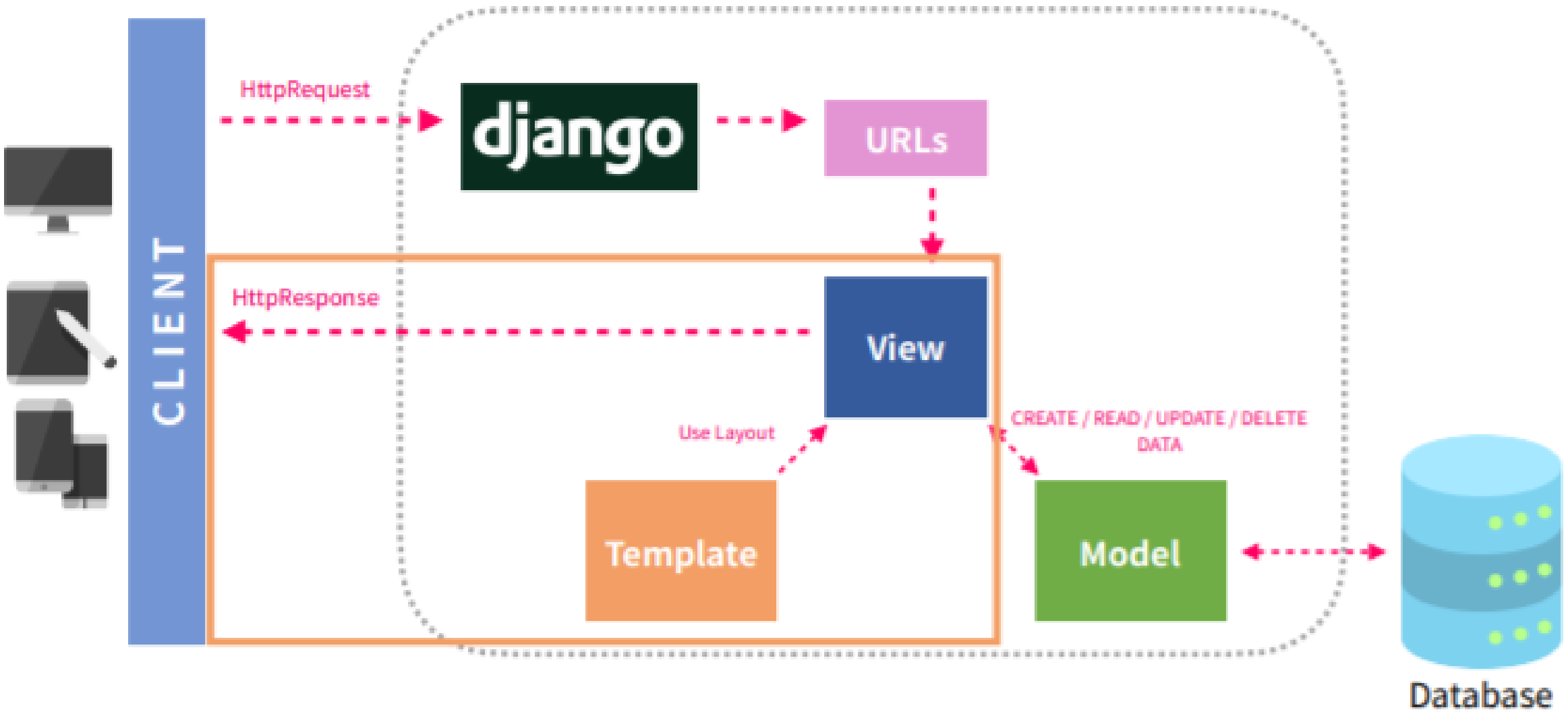
```
urlpatterns = [
    path('', views.index, name="index"),
    path('<int:post_id>', views.detail, name="detail"),
    path('<int:post_id>/commnet', views.commnet, name="commnet"),
    path('/like', views.like, name="like"),
]
```

posts/+"" => posts/

posts/+'post_id/' => posts/post_id/

posts/ + 'post_id/comments' => posts/post_id/comments

posts/ + 'like' => posts/like

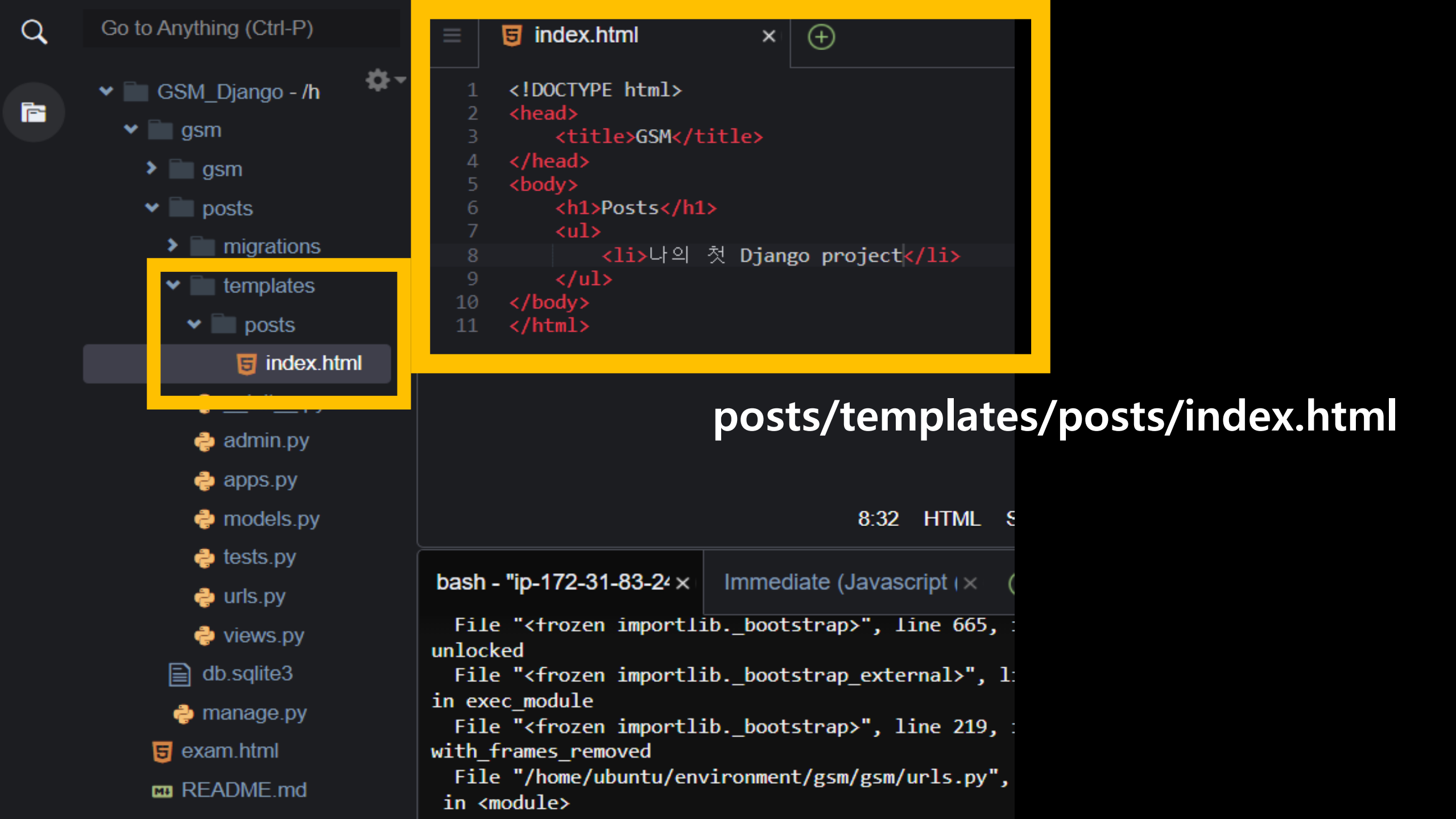

CLIENT
HttpRequest
django
URLs
HttpResponse
View
Use Layout
Template
CREATE / READ / UPDATE / DELETE
DATA
Model
Database

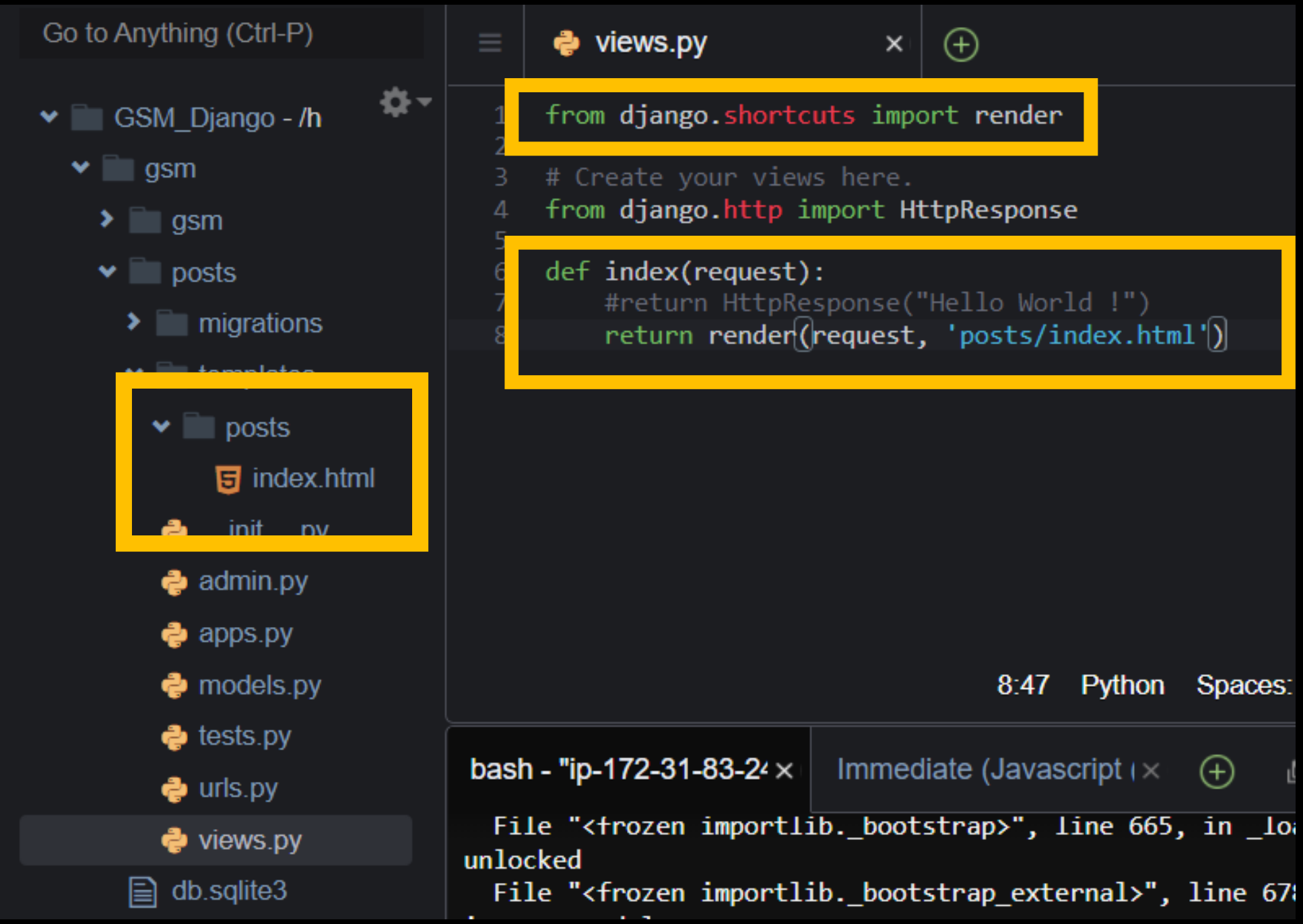
```python
def index(request):
    return HttpResponse("Hello World !")
```

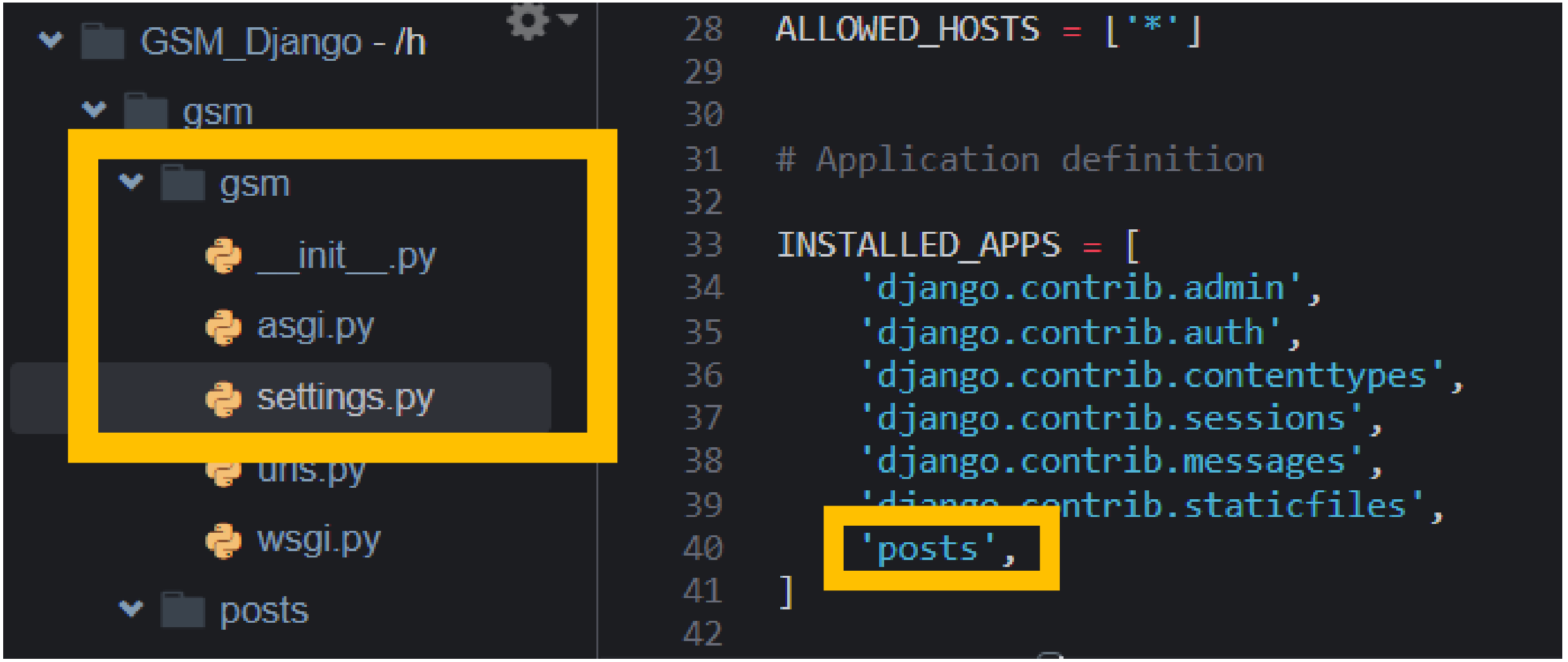
Hello World !

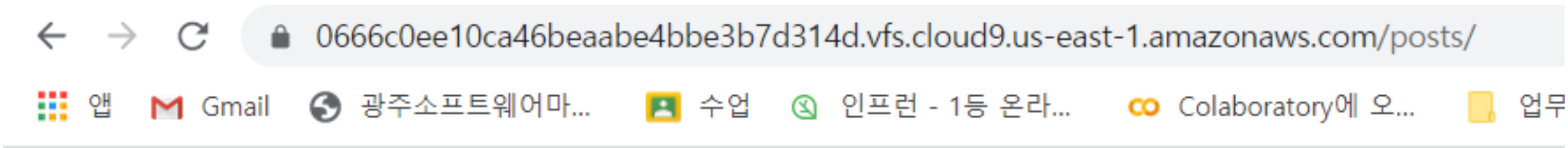
TEXT

HTML


Go to Anything (Ctrl-P)
GSM_Django - /h
gsm
gsm
posts
migrations
templates
posts
index.html
admin.py
apps.py
models.py
tests.py
urls.py
views.py
db.sqlite3
manage.py
exam.html
README.md
index.html
<!DOCTYPE html>
<head>
<title>GSM</title>
</head>
<body>
<h1>Posts</h1>
<ul>
<li>나의 첫 Django project</li>
</ul>
</body>
</html>
posts/templates/posts/index.html
8:32 HTML
bash - "ip-172-31-83-24
Immediate (Javascript
File "<frozen importlib._bootstrap>", line 665,
unlocked
File "<frozen importlib._bootstrap_external>",
in exec_module
File "<frozen importlib._bootstrap>", line 219,
with_frames_removed
File "/home/ubuntu/environment/gsm/gsm/urls.py",
in <module>


Go to Anything (Ctrl-P)
GSM_Django - /h
gsm
gsm
posts
migrations
posts
index.html
admin.py
apps.py
models.py
tests.py
urls.py
views.py
db.sqlite3
views.py
from django.shortcuts import render
# Create your views here.
from django.http import HttpResponse
def index(request):
#return HttpResponse("Hello World !")
return render(request, 'posts/index.html')
8:47 Python Spaces:
bash - "ip-172-31-83-2
Immediate (Javascript
File "<frozen importlib._bootstrap>", line 665, in _lo
unlocked
File "<frozen importlib._bootstrap_external>", line 67


GSM_Django - /h
gsm
gsm
__init__.py
asgi.py
settings.py
urls.py
wsgi.py
posts
28 ALLOWED_HOSTS = ['*']
29
30
31 # Application definition
32
33 INSTALLED_APPS = [
34 'django.contrib.admin',
35 'django.contrib.auth',
36 'django.contrib.contenttypes',
37 'django.contrib.sessions',
38 'django.contrib.messages',
39 'django.contrib.staticfiles',
40 'posts',
41]
42



Posts

- 나의 첫 Django project