

I

EP

Crypto News Network



Introduction

Goal of the app

Web application for monitoring changes of cryptocurrencies, with additional Converter, which converts the crypto currency into conventional currency.



My Team | Учебная практика

Задача	Испол.	Затрач.	Прогр.	Статус	Ноябрь 2020														
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Подпроект

Создать макет

Просмотр турориалов. ...

Создание сайта

Добавление дизайна

Загрузка ресурсов

Часы

Задачи

Диля Мухамеджанова



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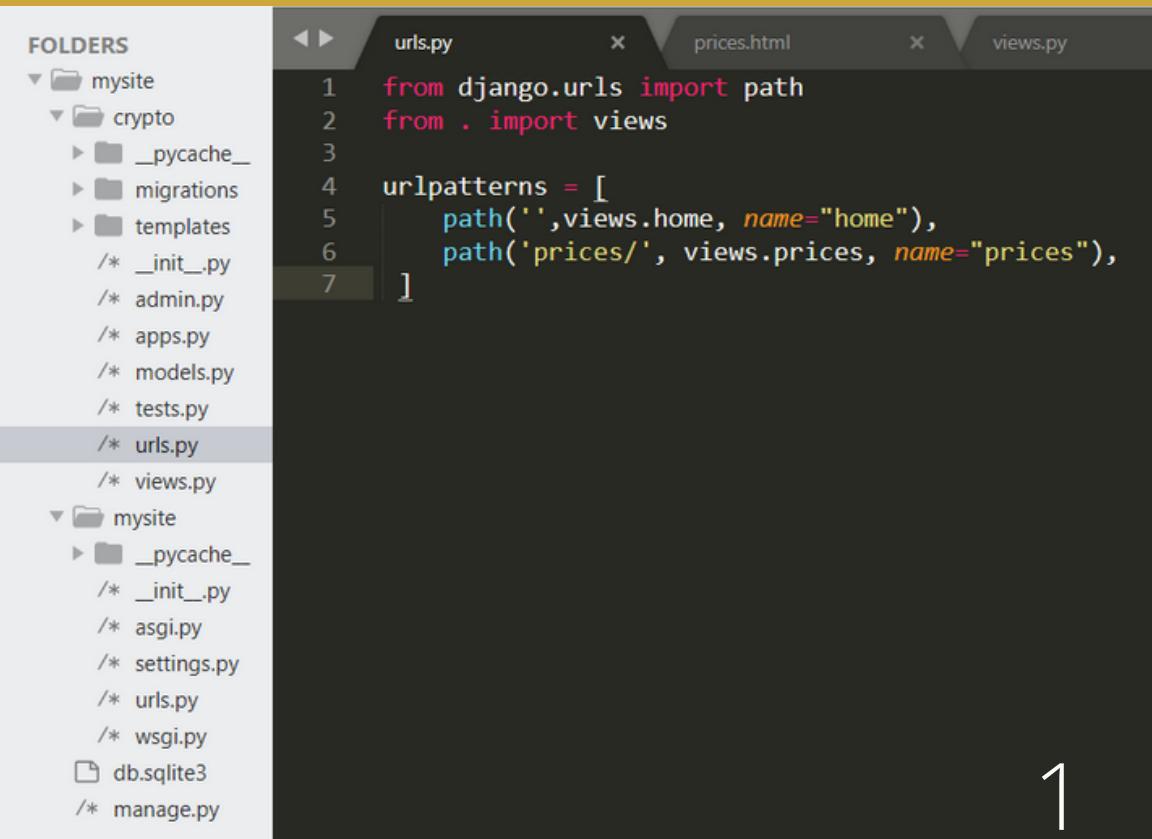
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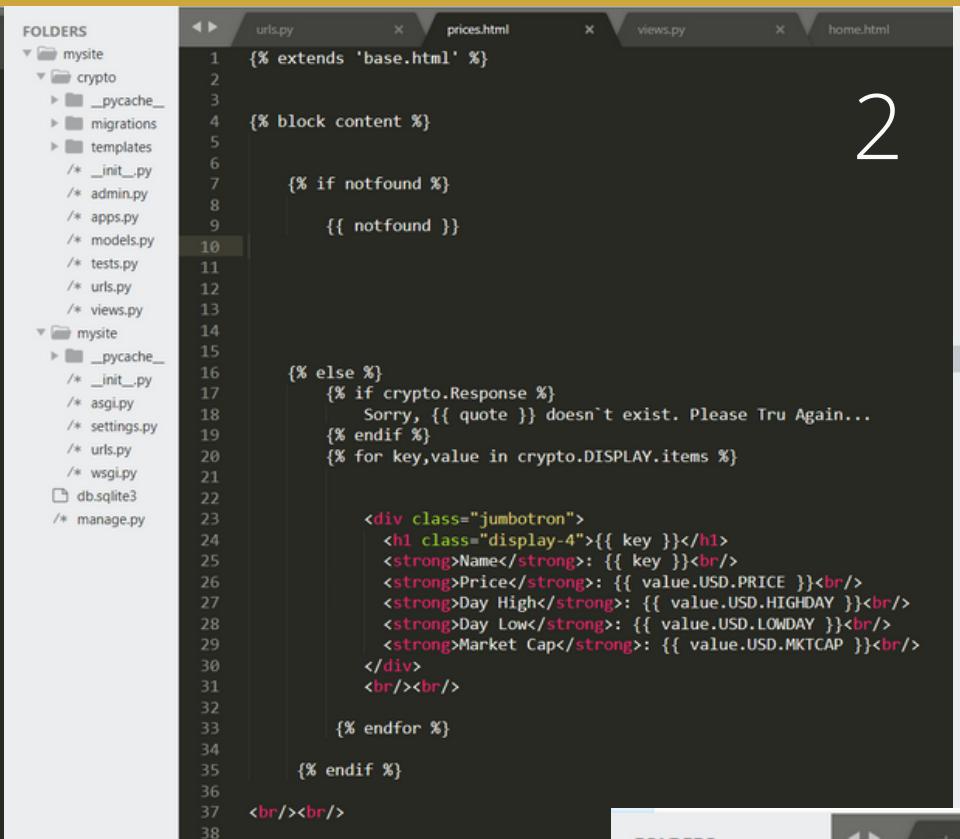
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Screenshots from the Sublime Text program



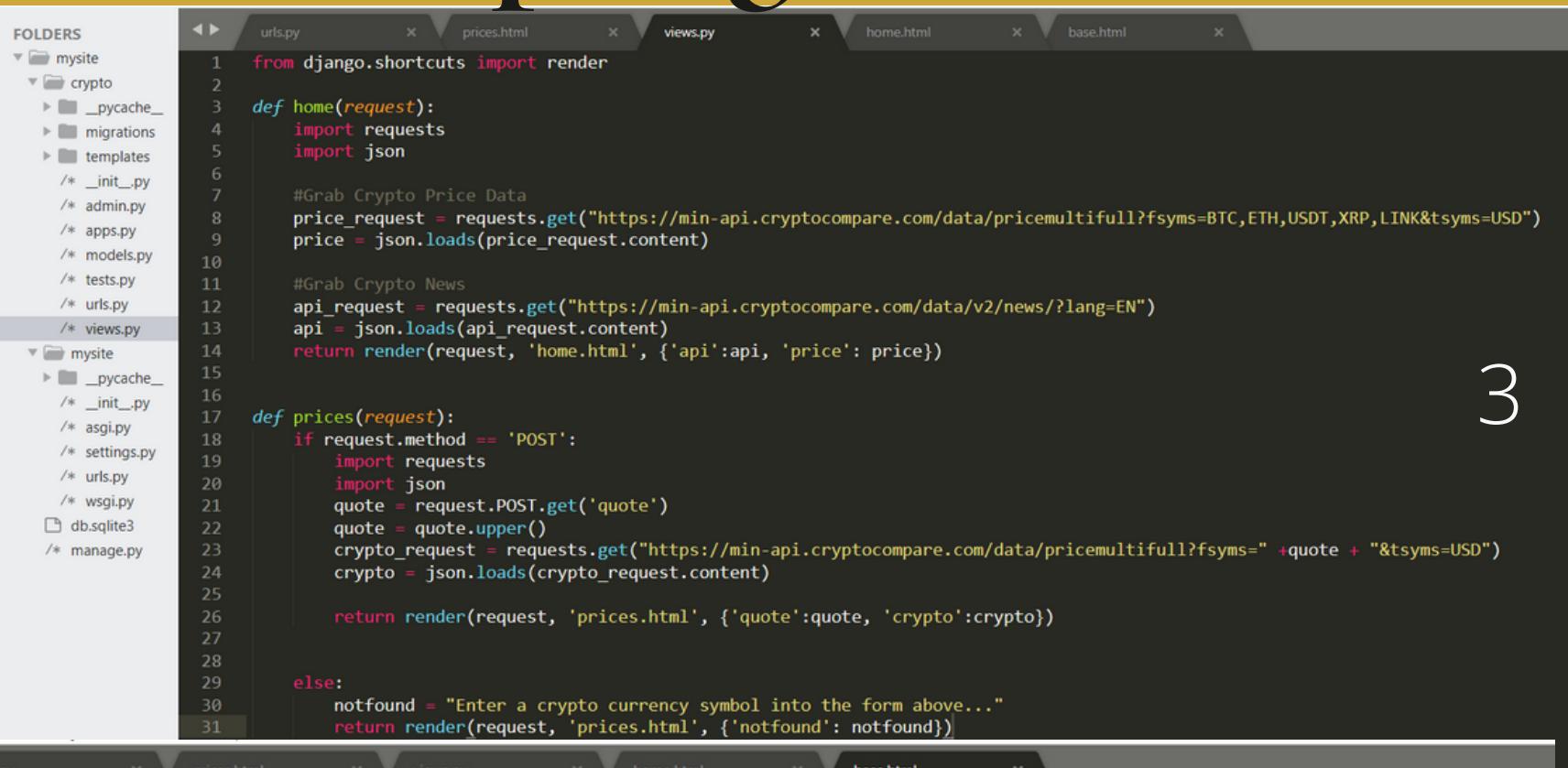
1

```
1 from django.urls import path
2
3
4 urlpatterns = [
5     path('', views.home, name="home"),
6     path('prices/', views.prices, name="prices"),
7 ]
```



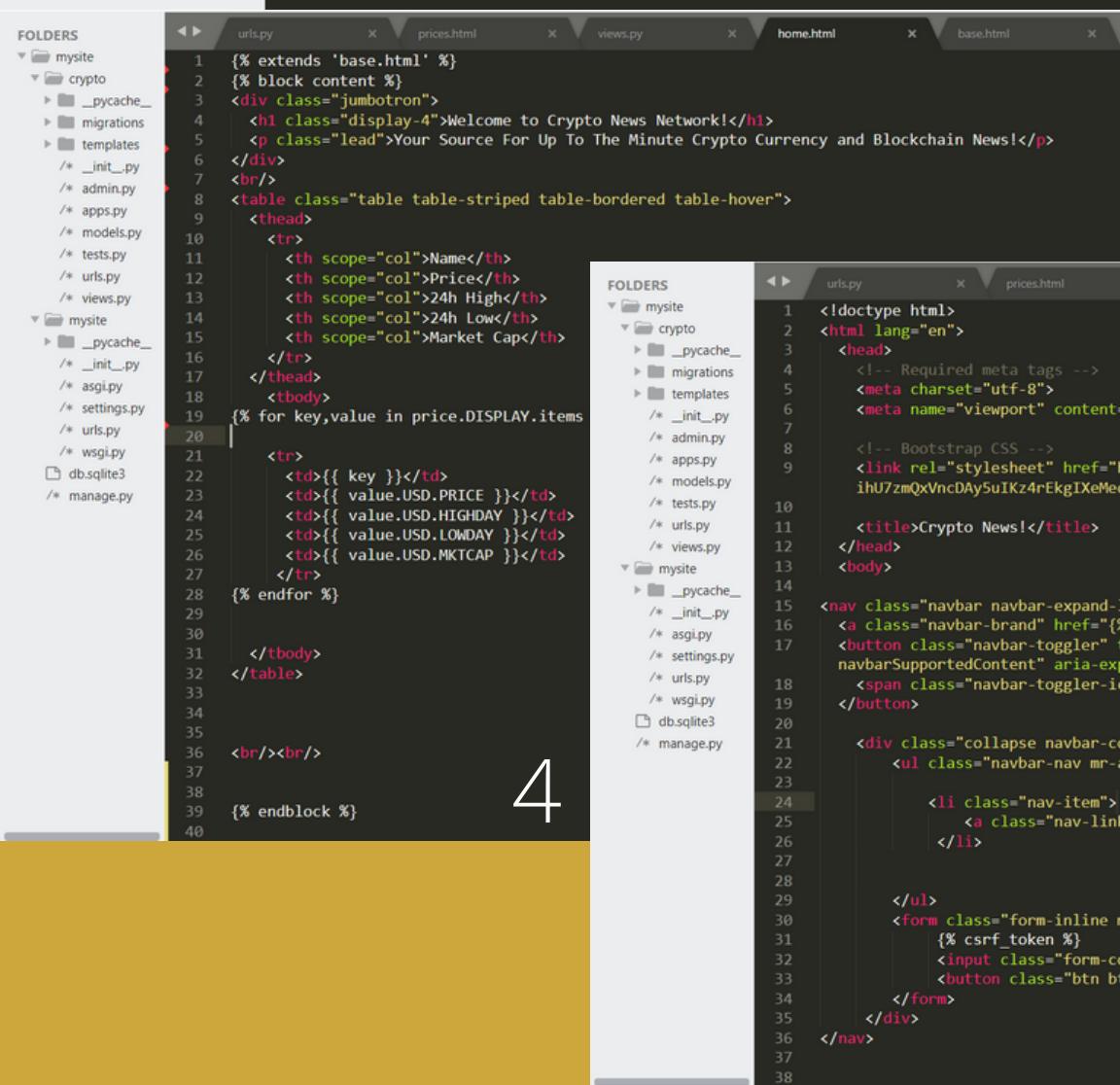
2

```
1 {% extends 'base.html' %}
2
3
4 {% block content %}
5
6     {% if notfound %}
7         {{ notfound }}
8     {% else %}
9         {% if crypto.Response %}
10             Sorry, {{ quote }} doesn't exist. Please Try Again...
11         {% endif %}
12         {% for key,value in crypto.DISPLAY.items %}
13
14             <div class="jumbotron">
15                 <h1 class="display-4">{{ key }}</h1>
16                 <strong>Name</strong>: {{ key }}<br/>
17                 <strong>Price</strong>: {{ value.USD.PRICE }}<br/>
18                 <strong>Day High</strong>: {{ value.USD.HIGHDAY }}<br/>
19                 <strong>Day Low</strong>: {{ value.USD.LOWDAY }}<br/>
20                 <strong>Market Cap</strong>: {{ value.USD.MKTCAP }}<br/>
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22             </div>
23             <br/><br/>
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25         {% endif %}
26     {% endif %}
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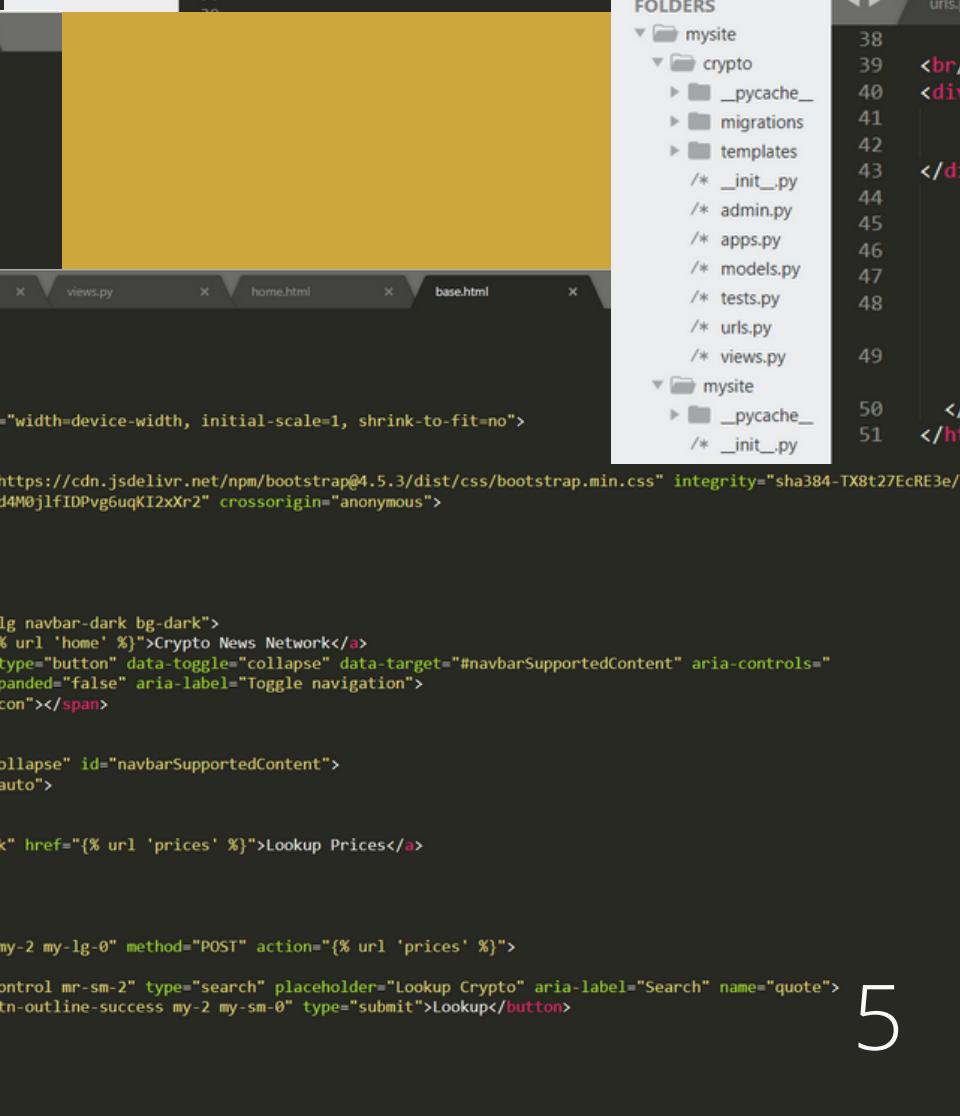
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```
1 from django.shortcuts import render
2
3 def home(request):
4     import requests
5     import json
6
7     #Grab Crypto Price Data
8     price_request = requests.get("https://min-api.cryptocompare.com/data/pricemultifull?fsyms=BTC,ETH,USDT,XRP,LINK&tsyms=USD")
9     price = json.loads(price_request.content)
10
11     #Grab Crypto News
12     api_request = requests.get("https://min-api.cryptocompare.com/data/v2/news/?lang=EN")
13     api = json.loads(api_request.content)
14
15     return render(request, 'home.html', {'api':api, 'price': price})
16
17 def prices(request):
18     if request.method == 'POST':
19         import requests
20         import json
21         quote = request.POST.get('quote')
22         quote = quote.upper()
23         crypto_request = requests.get("https://min-api.cryptocompare.com/data/pricemultifull?fsyms=" +quote + "&tsyms=USD")
24         crypto = json.loads(crypto_request.content)
25
26     return render(request, 'prices.html', {'quote':quote, 'crypto':crypto})
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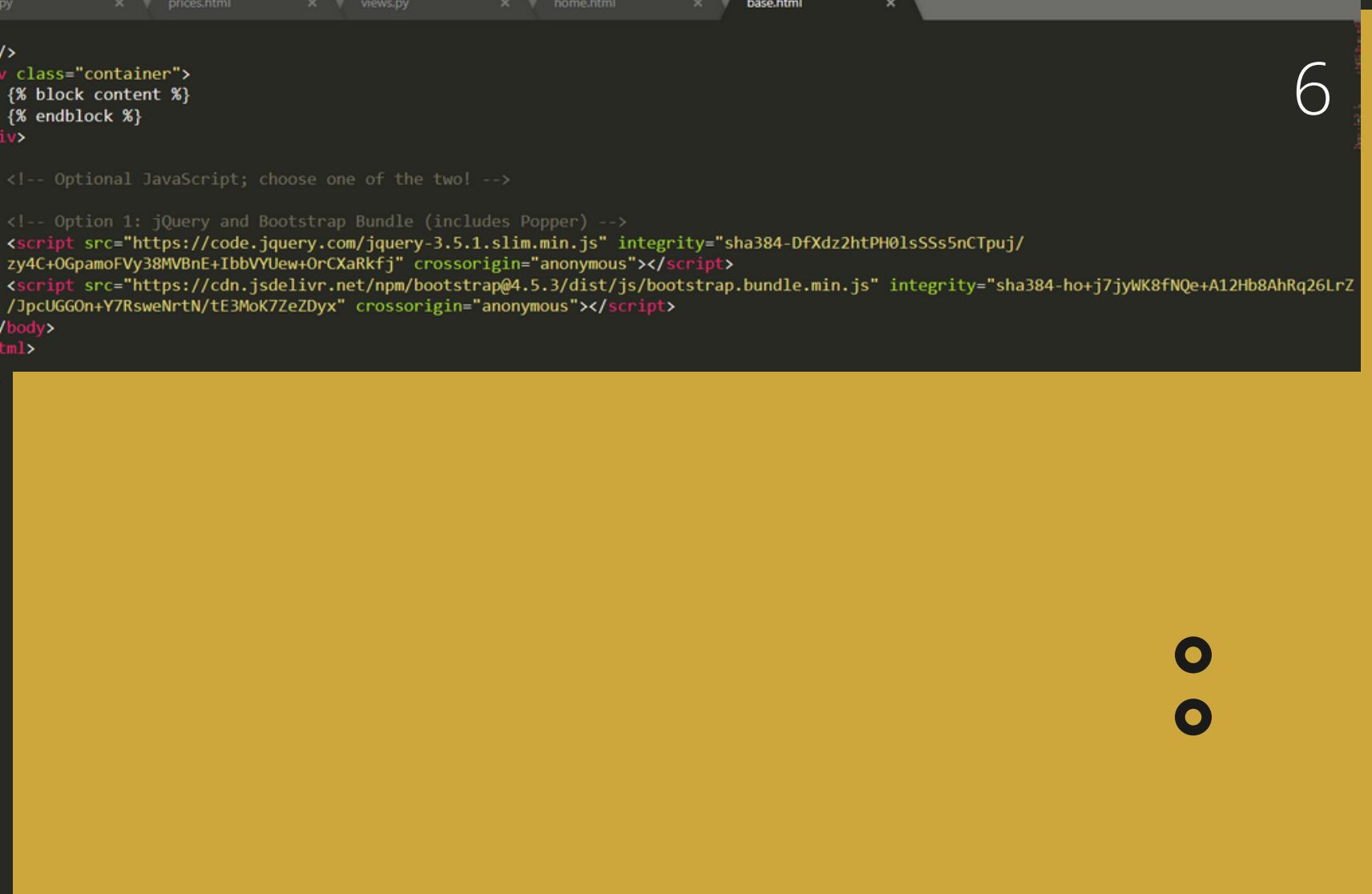
4

```
1 {% extends 'base.html' %}
2
3
4 <div class="jumbotron">
5     <h1 class="display-4">Welcome to Crypto News Network!</h1>
6     <p class="lead">Your Source For Up To The Minute Crypto Currency and Blockchain News!</p>
7 </div>
8 <br/>
9 <table class="table table-striped table-bordered table-hover">
10    <thead>
11        <tr>
12            <th scope="col">Name</th>
13            <th scope="col">Price</th>
14            <th scope="col">24h High</th>
15            <th scope="col">24h Low</th>
16            <th scope="col">Market Cap</th>
17        </tr>
18    </thead>
19    <tbody>
20        {% for key,value in price.DISPLAY.items %}
21            <tr>
22                <td>{{ key }}</td>
23                <td>{{ value.USD.PRICE }}</td>
24                <td>{{ value.USD.HIGHDAY }}</td>
25                <td>{{ value.USD.LOWDAY }}</td>
26                <td>{{ value.USD.MKTCAP }}</td>
27            </tr>
28        {% endfor %}
29
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31    </tbody>
32 </table>
33 <br/><br/>
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```
1 <br/>
2 <div class="container">
3     {% block content %}
4     {% endblock %}
5 </div>
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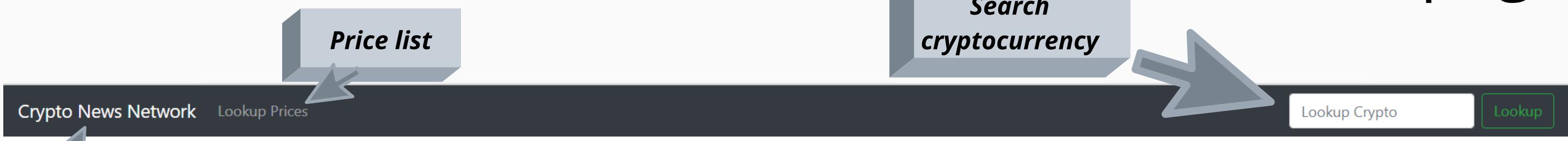
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1 <br/>
2 <div class="container">
3     {% block content %}
4     {% endblock %}
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Screenshots from the site

IV

Home page



Title



EP

Welcoming speech

Name	Price	24h High	24h Low	Market Cap
BTC	\$ 18,008.7	\$ 18,172.9	\$ 17,365.1	\$ 334.03 B
ETH	\$ 475.21	\$ 481.01	\$ 465.25	\$ 53.93 B
USDT	\$ 1.00	\$ 1.00	\$ 0.9997	\$ 18.12 B
XRP	\$ 0.3010	\$ 0.3069	\$ 0.2842	\$ 30.10 B
LINK	\$ 13.72	\$ 14.00	\$ 13.03	\$ 13.72 B

●
○
○

Table with cryptocurrencies



Crypto News Network [Lookup Prices](#)

[Lookup Crypto](#) [Lookup](#)

BTC

Name: BTC
Price: \$ 18,020.4
Day High: \$ 18,172.9
Day Low: \$ 17,365.1
Market Cap: \$ 334.24 B

ETH

Name: ETH
Price: \$ 475.44
Day High: \$ 481.01
Day Low: \$ 465.25
Market Cap: \$ 53.96 B

USDT

Name: USDT
Price: \$ 1.00
Day High: \$ 1.00
Day Low: \$ 0.9997
Market Cap: \$ 18.12 B

XRP

Name: XRP
Price: \$ 0.3016
Day High: \$ 0.3069
Day Low: \$ 0.2842
Market Cap: \$ 30.16 B

LINK

Name: LINK
Price: \$ 13.75
Day High: \$ 14.00
Day Low: \$ 13.03
Market Cap: \$ 13.75 B

Page with additional information about each cryptocurrency

GITHUB

<https://github.com/Dik0sya/currencyDjango.git>

YOUTUBE

<https://www.youtube.com/watch?v=DjIFK51Mo74&t=1027s>

References

DOCUMENTATION

<https://docs.djangoproject.com/en/3.1/>

YOUTUBE

<https://www.youtube.com/watch?v=UmljXZIypDc&list=PL-osiE80TeTtoQCKZ03TU5fNfx2UY6U4p>



Thank you for
your attention!
