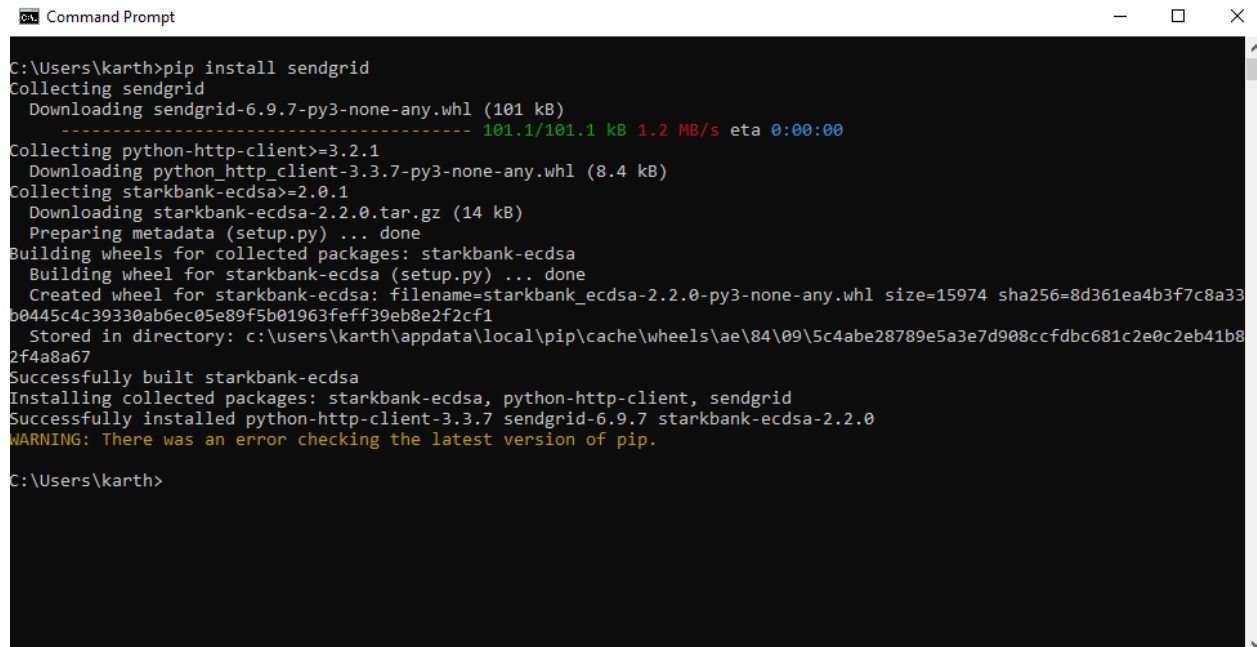


SENDGRID INTEGRATION WITH PYTHON CODE

PROJECT ID: PNT2022TMID03839

Sendgrid installation :



```
Command Prompt
C:\Users\karth>pip install sendgrid
Collecting sendgrid
  Downloading sendgrid-6.9.7-py3-none-any.whl (101 kB)
----- 101.1/101.1 kB 1.2 MB/s eta 0:00:00
Collecting python-http-client>=3.2.1
  Downloading python_http_client-3.3.7-py3-none-any.whl (8.4 kB)
Collecting starkbank-ecdsa>=2.0.1
  Downloading starkbank-ecdsa-2.2.0.tar.gz (14 kB)
  Preparing metadata (setup.py) ... done
Building wheels for collected packages: starkbank-ecdsa
  Building wheel for starkbank-ecdsa (setup.py) ... done
  Created wheel for starkbank-ecdsa: filename=starkbank_ecdsa-2.2.0-py3-none-any.whl size=15974 sha256=8d361ea4b3f7c8a33b0445c4c39330ab6ec05e89f5b01963feff39eb8e2f2cf1
  Stored in directory: c:\users\karth\appdata\local\pip\cache\wheels\ae\84\09\5c4abe28789e5a3e7d908ccfdb681c2e0c2eb41b82f4a8a67
Successfully built starkbank-ecdsa
Installing collected packages: starkbank-ecdsa, python-http-client, sendgrid
Successfully installed python-http-client-3.3.7 sendgrid-6.9.7 starkbank-ecdsa-2.2.0
WARNING: There was an error checking the latest version of pip.
C:\Users\karth>
```

sendMail.py

```
import os
```

```
from sendgrid import SendGridAPIClient
```

```
from sendgrid.helpers.mail import Mail
```

```
message=Mail(from_email='sec19cs080@sairamtap.edu.in',to_emails='karthikeya
n01230123@gmail.com',
```

```
    subject='Registration mail',plain_text_content='Hi, hello
welcome',html_content='<strong>Registration successfull!!!</strong>')
```

```
try:
```

```
sg=SendGridAPIClient(os.environ['SG.2sZl3mU2R_m6Q-  
ED9_GUqg.oLQz9TWK--9g7wS4AqMS6H0XXgU3cj19BJWj4760koE'])
```

```
response=sg.send(message)
```

```
print(response.status_code)
```

```
print(response.body)
```

```
print(response.headers)
```

except Exception as e:

```
print(e.message)
```

Email is sent through sendgrid :

