**Title:Stock market**

import requests

def get\_stock\_data(symbol, api\_key):

base\_url = "https://www.alphavantage.co/query"

function = "TIME\_SERIES\_INTRADAY"

interval = "1min"

params = {

"function": function,

"symbol": symbol,

"interval": interval,

"apikey": api\_key,

}

response = requests.get(base\_url, params=params)

data = response.json()

if "Time Series (1min)" in data:

return data["Time Series (1min)"]

else:

return None

def main():

stock\_symbol = "AAPL"

api\_key = "YOUR\_ALPHA\_VANTAGE\_API\_KEY"

stock\_data = get\_stock\_data(stock\_symbol, api\_key)

if stock\_data:

print(f"Stock data for {stock\_symbol}:\n")

for timestamp, info in stock\_data.items():

print(f"Timestamp: {timestamp}, Close Price: {info['4. close']}")

else:

print("Error fetching stock data.")

if \_\_name\_\_ == "\_\_main\_\_":

main()

**output:**

Timestamp: 2023-12-13 18:35:00, Close Price: 197.9100

Timestamp: 2023-12-13 18:34:00, Close Price: 197.9150

Timestamp: 2023-12-13 18:33:00, Close Price: 197.9200

Timestamp: 2023-12-13 18:32:00, Close Price: 197.8850

Timestamp: 2023-12-13 18:31:00, Close Price: 197.8700

Timestamp: 2023-12-13 18:30:00, Close Price: 197.9000

Timestamp: 2023-12-13 18:29:00, Close Price: 197.9250

Timestamp: 2023-12-13 18:28:00, Close Price: 197.9300

Timestamp: 2023-12-13 18:27:00, Close Price: 197.9600

Timestamp: 2023-12-13 18:26:00, Close Price: 198.0000

Timestamp: 2023-12-13 18:25:00, Close Price: 198.0000

Timestamp: 2023-12-13 18:24:00, Close Price: 198.0200

Timestamp: 2023-12-13 18:23:00, Close Price: 198.0450

Timestamp: 2023-12-13 18:22:00, Close Price: 198.0500

Timestamp: 2023-12-13 18:21:00, Close Price: 198.0700

Timestamp: 2023-12-13 18:20:00, Close Price: 198.0350