

POSTMAN REPORT

Four different API queries are used for GET request corresponding to user inputs in the program.

1) This query gets daily price values of Google. Everything seems fine.

The screenshot shows a Postman interface with a GET request to `https://www.alphavantage.co/query?function=TIME_SERIES_DAILY&symbol=GOOGL&apikey=HPECJTEH87ZBVC1N`. The request is saved and has a status of 200 OK. The response is displayed in the 'Body' tab, showing a JSON object with meta-data and time series data for Google.

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> function	TIME_SERIES_DAILY	
<input checked="" type="checkbox"/> symbol	GOOGL	
<input checked="" type="checkbox"/> apikey	HPECJTEH87ZBVC1N	

```
1 {
2   "Meta Data": {
3     "1. Information": "Daily Prices (open, high, low, close) and Volumes",
4     "2. Symbol": "GOOGL",
5     "3. Last Refreshed": "2021-07-09",
6     "4. Output Size": "Compact",
7     "5. Time Zone": "US/Eastern"
8   },
9   "Time Series (Daily)": {
10    "2021-07-09": {
11      "1. open": "2500.5000",
12      "2. high": "2514.6900",
13      "3. low": "2491.0250",
14      "4. close": "2510.3700",
```

2) This query gets overview information about selected company. For this example, selected company is Apple. Everything seems fine.

The screenshot shows a Postman interface with a GET request to `https://www.alphavantage.co/query?function=OVERVIEW&symbol=AAPL&apikey=HPECJTEH87ZBVC1N`. The request is saved and has a status of 200 OK. The response is displayed in the 'Body' tab, showing a JSON object with overview information for Apple Inc.

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> function	OVERVIEW	
<input checked="" type="checkbox"/> symbol	AAPL	
<input checked="" type="checkbox"/> apikey	HPECJTEH87ZBVC1N	

```
1 {
2   "Symbol": "AAPL",
3   "AssetType": "Common Stock",
4   "Name": "Apple Inc",
5   "Description": "Apple Inc. is an American multinational technology company that specializes in consumer electronics, computer software, and online services. Apple is the world's largest technology company by revenue (totalling $274.5 billion in 2020) and, since January 2021, the world's most valuable company. As of 2021, Apple is the world's fourth-largest PC vendor by unit sales, and fourth-largest smartphone manufacturer. It is one of the Big Five American information technology companies, along with Amazon, Google, Microsoft, and Facebook.",
6   "CIK": "320193",
7   "Exchange": "NASDAQ",
8   "Currency": "USD",
9   "Country": "USA",
10  "Sector": "TECHNOLOGY",
```

3) This query gets current exchange rate for selected currency pair. In this case, pair is selected as USD/TRY. Everything seems fine.

The screenshot shows a REST client interface with a GET request to `https://www.alphavantage.co/query?function=CURRENCY_EXCHANGE_RATE&from_currency=USD&to_currency=TRY&apikey=HPECJTEH87ZBVC1N`. The response is a JSON object with the following structure:

```
1  {
2    "Realtime Currency Exchange Rate": {
3      "1. From_Currency Code": "USD",
4      "2. From_Currency Name": "United States Dollar",
5      "3. To_Currency Code": "TRY",
6      "4. To_Currency Name": "Turkish Lira",
7      "5. Exchange Rate": "8.64610000",
8      "6. Last Refreshed": "2021-07-11 13:21:22",
9      "7. Time Zone": "UTC",
10     "8. Bid Price": "8.64597000",
11     "9. Ask Price": "8.64639000"
12   }
13 }
```

4) This query gets current daily price values of selected currency pair. In this case, pair is selected as USD/TRY. Everything seems fine.

The screenshot shows a REST client interface with a GET request to `https://www.alphavantage.co/query?function=FX_DAILY&from_symbol=USD&to_symbol=TRY&apikey=HPECJTEH87ZBVC1N`. The response is a JSON object with the following structure:

```
9  {
10    "Time Series FX (Daily)": {
11      "2021-07-09": {
12        "1. open": "8.68030",
13        "2. high": "8.70495",
14        "3. low": "8.62950",
15        "4. close": "8.64610"
16      },
17      "2021-07-08": {
18        "1. open": "8.68060",
19        "2. high": "8.73087",
20        "3. low": "8.65700",
21        "4. close": "8.68010"
22      }
23    }
24  }
```