CODE 4 WORK

Python Discord Bot

BONUS 1

Let's scrape useful info from the internet!

Contents

CODE4WORK

Exercise 01: Download a webpage

SOS	Difficulty:	⭐
💡	Objectives:	Use the requests module to send a GET request and view the contents of the selected website.
🛠️	Skills required:	Request module
🌐	Resources:	Selected website for this question: https://finance.yahoo.com/quote/%5EGSPC/ For your reference: ➢ Python Request Modules
🔍	Search keywords:	requests module python

🖥️ **Code snippet:**

```
import requests
```

✅ **Output example:**

Exercise 02: Finding the useful info

SOS	Difficulty:	★ ★
💡	Objectives:	Create a command that sends the price of the S&P 500 stock.
🛠️	Skills required:	Scraping with BeautifulSoup
🌐	Resources:	Selected website for this question: https://finance.yahoo.com/quote/%5EGSPC/ For your reference: Scrapping With Python & Beautiful Soup
🔍	Search keywords:	BeautifulSoup scraping
🔌	Command required:	**$s&p**

⌨️ **Code snippet:**

```
https://gist.github.com/Bunyod16/519541aba7739db62ce5dc9a733cb7b9
```
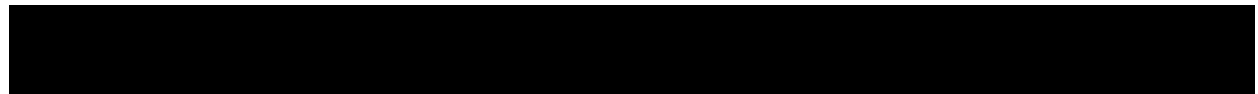
✅ **Output example:**

Bunyod Today at 8:56 PM
$s&p

Rob Bot the Cat BOT Today at 8:56 PM
The price of the S&P 500 Index Fund is: $4,475.01

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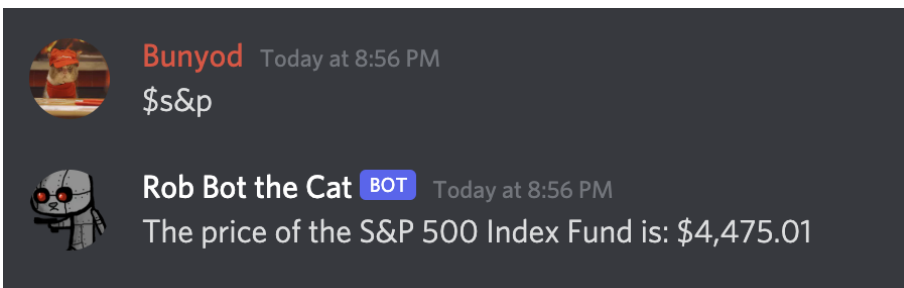
Exercise 03: Real time stock prices

🆘	Difficulty:	⭐ ⭐
💡	Objectives:	Create a command that sends the price of any stock
🛠️	Skills required:	Scraping with BeautifulSoup
🌐	Resources:	Selected website for this question: https://finance.yahoo.com/
🔍	Search keywords:	BeautifulSoup scraping
🔌	Command required:	**$stock**

▶_ Code snippet:

```
```

✅ Output example:

Bunyod   Today at 9:12 PM
$stock TSLA

Rob Bot the Cat BOT   Today at 9:12 PM
The price of TSLA: $914.13

Bunyod   Today at 9:12 PM
$stock AAPL

Rob Bot the Cat BOT   Today at 9:12 PM
The price of AAPL: $172.55

Exercise 04: Weather

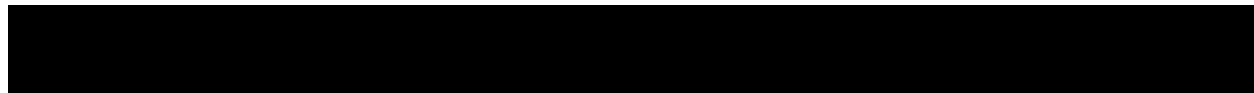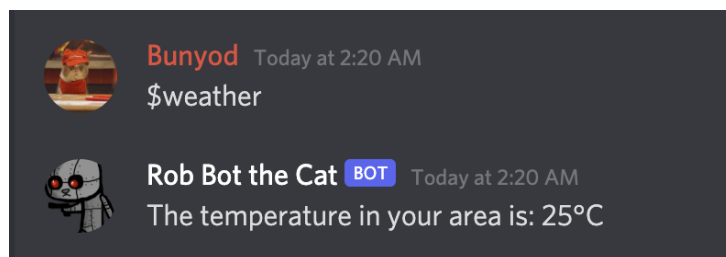|		
SOS	Difficulty:	★ ★ ★
💡	Objectives:	➢ Create a command that makes the bot tell you the temperature in your area ➢ Scrape the temperature of that location using BeautifulSoup. ➢ Output **must** be in celsius!
🔧	Skills required:	Scraping with BeautifulSoup
🌐	Resources:	You may go to https://weather.com/ and search for your location.
🔍	Search keywords:	BeautifulSoup scraping
🔌	Command required:	**$weather**

Code snippet:

Output example:

> **Bunyod** Today at 2:20 AM
> $weather
>
> **Rob Bot the Cat** `BOT` Today at 2:20 AM
> The temperature in your area is: 25°C

🚩 Bonus 01: Your turn

SOS	Difficulty:	⭐ ⭐
💡	Objectives:	Using the knowledge you have gained today, scrape any website for useful information!
🛠️	Skills required:	Scraping with BeautifulSoup
🌐	Resources:	
🔍	Search keywords:	BeautifulSoup scraping
🔌	Command required:	

▢ Code snippet:

✅ Output example:

SHOW US YOUR

CREATIVITY NOW!

CODE 4 WORK