

Code4Teens







Python Discord Bot

Day 08

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Exercise 01: \$ip

	Difficulty:	★
	Objectives:	Create the command \$ip which returns your Bot's unique IP address.
	Skills gained / utilised:	Sending HTTP requests; Consuming a RESTful API; Parsing JSON
	Resources:	https://api.ipify.org/?format=json
	Search keywords:	requests, json, api, python
	Command required:	\$ip







Code snippet:

```
import requests
```

Output example:



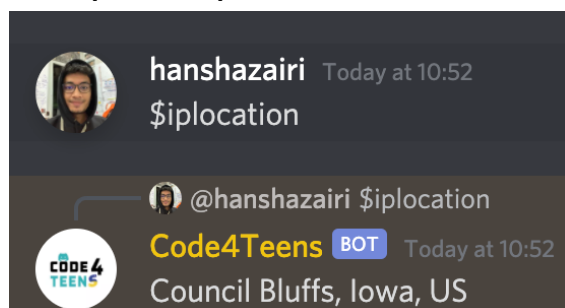
Exercise 02: \$iplocation

	Difficulty:	★★
	Objectives:	Create the command \$iplocation which returns the geographical location to your Bot's unique IP address.
	Skills gained / utilised:	String interpolation; IP geolocation
	Resources:	https://ipinfo.io/202.187.194.52/geo *Replace IP address with your Bot's unique IP address.
	Search keywords:	requests, json, api, python
	Command required:	\$iplocation







Code snippet:

```
import requests
```

Output example:



Exercise 03: \$iplocation_2

	Difficulty:	★★★★
	Objectives:	Update the command \$iplocation_2 to add a flag Emoji reaction to the user's message. The flag shall correspond to the geographical location returned.
	Skills gained / utilised:	Adding a reaction to Discord messages using discord.py's library method.
	Resources:	https://api.ip2country.info/ip?202.187.194.52 *Replace IP address with your Bot's unique IP address.
	Search keywords:	discord.py message add reaction
	Command required:	\$iplocation_2

Code snippet:

```
import requests
```

Output example:

