



# **Python Discord Bot**







Day 05

**Welcome to the world of  
Emoji, Gif & Image**

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## Exercise 01: \$emoji

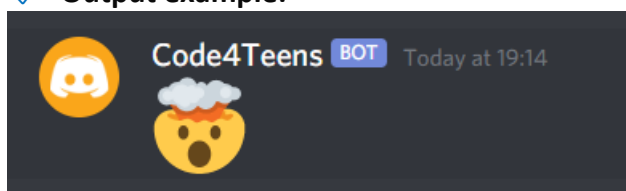
	Difficulty:	★
	Objectives:	Use a command to instruct the discord bot to send any emoji.
	Skills required:	<ul style="list-style-type: none"><li>➤ On message</li><li>➤ Emoji ID</li></ul>
	Resources:	<ul style="list-style-type: none"><li>➤ <a href="https://emojipedia.org/">https://emojipedia.org/</a></li><li>➤ <a href="https://discordpy.readthedocs.io/en/stable/faq.html#how-do-i-send-a-dm">https://discordpy.readthedocs.io/en/stable/faq.html#how-do-i-send-a-dm</a></li></ul>
	Search keywords:	Send emoji on message discord.py
	Command required:	<b>\$emoji</b>

### Code snippet:







```
import discord

@client.event
async def on_message(message):
```

### ✓ Output example:



## Exercise 02: \$emoji\_embed

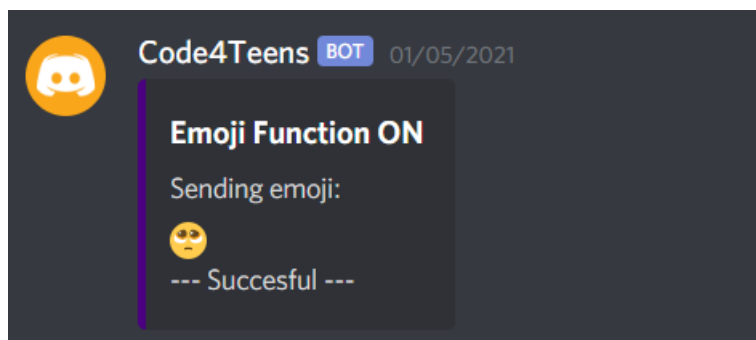
	Difficulty:	★ ★
	Objectives:	Use a command to instruct the discord bot to send an embed message that included an emoji.
	Skills required:	<ul style="list-style-type: none"><li>➤ On message,</li><li>➤ Embed message</li><li>➤ Emoji ID</li></ul>
	Resources:	<a href="http://i.stack.imgur.com/HRWHk.png">http://i.stack.imgur.com/HRWHk.png</a>
	Search keywords:	Send an Embed with a Discord Bot in Python
	Command required:	<b>\$emoji_embed</b>

### Code snippet:







```
import discord

@client.event
async def on_message(message):
```

### ✓ Output example:



## Exercise 03: \$gif

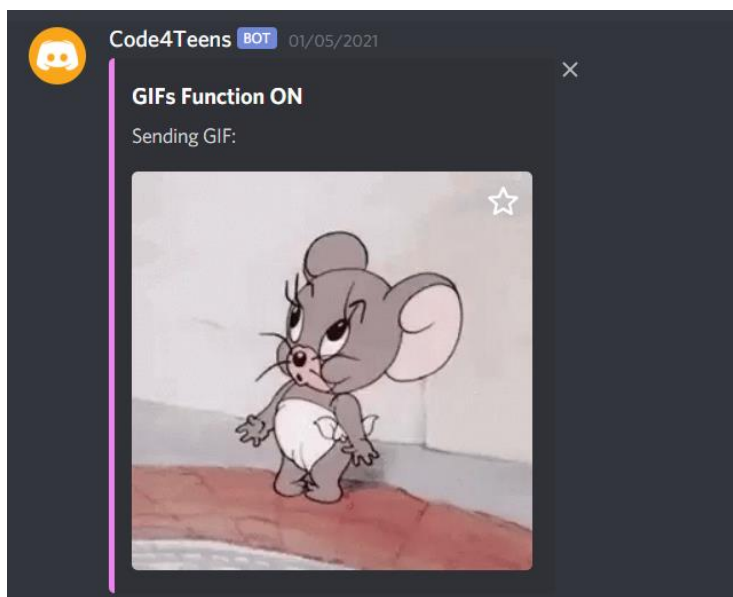
	Difficulty:	★ ★
	Objectives:	Use a command to instruct the discord bot to send an embed message that includes a GIF.
	Skills required:	<ul style="list-style-type: none"><li>➤ On message</li><li>➤ Embed message</li><li>➤ Embed set image</li></ul>
	Resources:	<ul style="list-style-type: none"><li>➤ <a href="https://tenor.com/search/gifs-gifs">https://tenor.com/search/gifs-gifs</a></li><li>➤ <a href="https://discordpy.readthedocs.io/en/stable/faq.html#how-do-i-use-a-local-image-file-for-an-embed-image">https://discordpy.readthedocs.io/en/stable/faq.html#how-do-i-use-a-local-image-file-for-an-embed-image</a></li></ul>
	Search keywords:	<ul style="list-style-type: none"><li>➤ Embed send gif discord.py</li><li>➤ Discord python embed image</li></ul>
	Command required:	<b>\$gif</b>

### Code snippet:







```
import discord

@client.event
async def on_message(message):
```

### ✓ Output example:



## Exercise 04: \$intro

	Difficulty:	★ ★
	Objectives:	Able to upload & send an image, send a brief self-introduction including mentioning yourself and an emoji as a message.
	Skills required:	<ul style="list-style-type: none"><li>➤ File upload</li><li>➤ Event &amp; Coroutines</li></ul>
	Resources:	<a href="https://discordpy.readthedocs.io/en/stable/faq.html#how-do-i-upload-an-image">https://discordpy.readthedocs.io/en/stable/faq.html#how-do-i-upload-an-image</a>
	Search keywords:	<ul style="list-style-type: none"><li>➤ Upload images discord.py</li><li>➤ Upload image to repl.it</li></ul>
	Command required:	<b>\$intro</b>







### Code snippet:

```
import discord
```

### Output example:



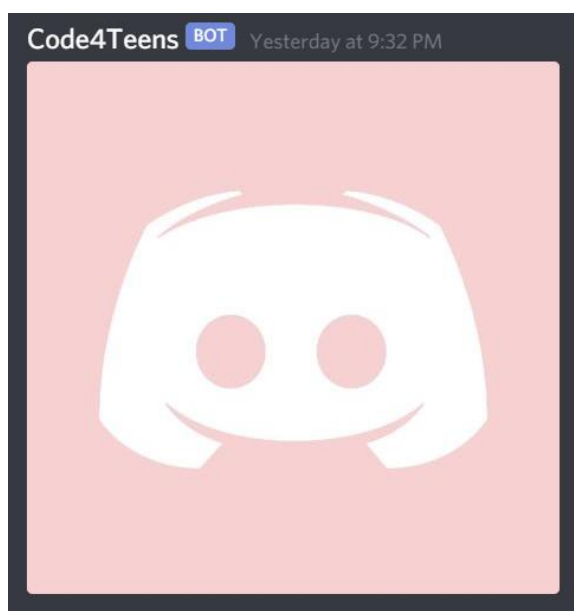
## Exercise 05: \$img

	Difficulty:	★ ★
	Objectives:	Use a command to instruct the discord bot to send an image from a URL.
	Skills required:	<ul style="list-style-type: none"><li>➤ Import libraries</li><li>➤ Uploading image</li><li>➤ Event &amp; coroutines</li><li>➤ Async http client</li></ul>
	Resources:	<ul style="list-style-type: none"><li>➤ <a href="https://pypi.org/project/aiohttp/">https://pypi.org/project/aiohttp/</a></li><li>➤ <a href="https://discordpy.readthedocs.io/en/stable/faq.html#how-do-i-upload-an-image">https://discordpy.readthedocs.io/en/stable/faq.html#how-do-i-upload-an-image</a></li></ul>
	Search keywords:	<ul style="list-style-type: none"><li>➤ Upload images discord.py</li><li>➤ aiohttp</li></ul>
	Command required:	<b>\$img</b>







### Code snippet:

```
import io
Import aiohttp
```

### ✓ Output example:



## Exercise 06: \$react

	Difficulty:	★ ★ ★
	Objectives:	Use a command to instruct the discord bot to react an emoji to a certain word.
	Skills required:	<ul style="list-style-type: none"> <li>➤ On message</li> <li>➤ String split or String slice</li> <li>➤ Emoji ID</li> <li>➤ Add reaction</li> </ul>
	Resources:	<a href="https://discordpy.readthedocs.io/en/stable/faq.html#how-can-i-add-a-reaction-to-a-message">https://discordpy.readthedocs.io/en/stable/faq.html#how-can-i-add-a-reaction-to-a-message</a>
	Search keywords:	<ul style="list-style-type: none"> <li>➤ Python string split method</li> <li>➤ Python slice string</li> <li>➤ Add reaction to message discord.py</li> </ul>
	Command required:	<b>\$react [word]</b> a) If no word was mention after the command, then the bot will only react a tick (✓). b) The bot must be able to react a tick (✓) and any emoji related to the word described.

### Code snippet:

```
import discord

@client.event
async def on_message(message):
```

### ✓ Output example:

