



Python Discord Bot







DAY 05

Welcome to the world of
Emoji, Gif and Image

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Exercise 01: \$emoji

| | | |
|---|-------------------|--|
|  | Difficulty: | ★ |
|  | Objectives: | Use a command to instruct the discord bot to send a random emoji. |
|  | Skills required: | <ul style="list-style-type: none">➤ On message➤ Emoji ID |
|  | Resources: | <ul style="list-style-type: none">➤ Search for Emoji➤ Discord.py: How do I send a DM? |
|  | Search keywords: | Send emoji on message discord.py |
|  | Command required: | \$emoji |



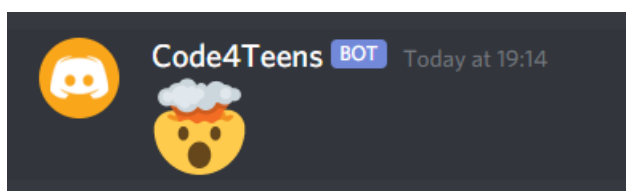
Code snippet:

```
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 (refer to the output example) that includes an emoji. |
|  | Skills required: | <ul style="list-style-type: none">➤ On message,➤ Embed message➤ Emoji ID |
|  | Resources: | Element of Embed Message |
|  | Search keywords: | Send an Embed with a Discord Bot in Python |
|  | Command required: | \$emoji_embed |



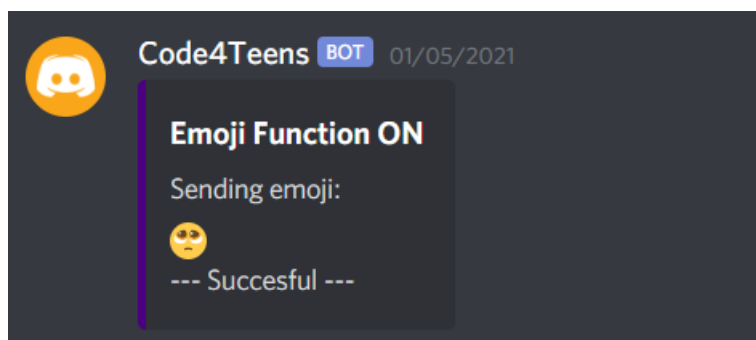
Code snippet:

```
import discord







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



Output example:



Exercise 03: \$gif

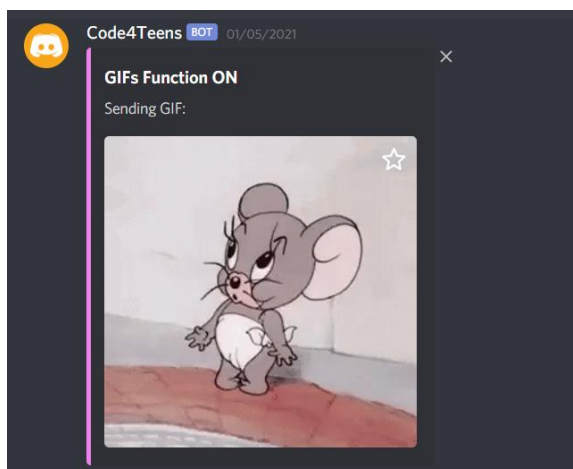
| | | |
|--|-------------------|--|
|  | Difficulty: | ★ ★ |
|  | Objectives: | Use a command to instruct the discord bot to send a random GIF in embed message form (refer to the output example below). |
|  | Skills required: | <ul style="list-style-type: none">➤ On message➤ Embed message➤ Embed set image |
|  | Resources: | <ul style="list-style-type: none">➤ Search for GIFs➤ Discord.py: How do I use a local image file for an embed image |
|  | Search keywords: | <ul style="list-style-type: none">➤ Embed send gif discord.py➤ Discord python embed image |
|  | Command required: | \$gif |

Code snippet:







```
import discord

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

Output example:



Exercise 04: \$intro

| | | |
|---|-------------------|--|
|  | Difficulty: | ★ ★ |
|  | Objectives: | Able to upload image on to Repl.it, then send the image & a brief self-introduction and an emoji as a message (refer to the output example below). |
|  | Skills required: | <ul style="list-style-type: none">➤ File upload➤ Event & Coroutines |
|  | Resources: | Discord.py: How do I upload an image? |
|  | Search keywords: | <ul style="list-style-type: none">➤ Upload images discord.py➤ Upload image to repl.it |
|  | Command required: | \$intro |



Code snippet:







```
import discord
```



Output example:



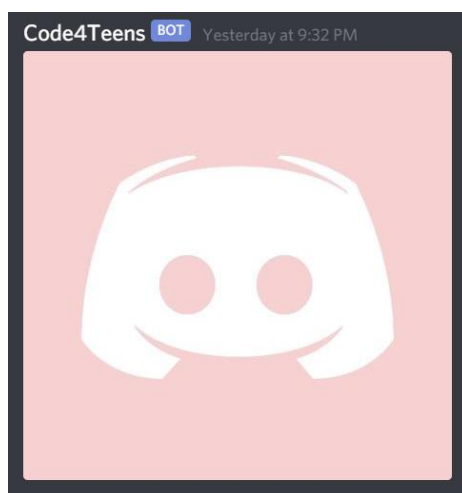
Exercise 05: \$img

| | | |
|---|-------------------|---|
|  | 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">➤ Import libraries➤ Uploading image➤ Event & coroutines➤ Async http client |
|  | Resources: | <ul style="list-style-type: none">➤ Python: aiohttp 3.8.1➤ Discord.py: How do I upload an image? |
|  | Search keywords: | <ul style="list-style-type: none">➤ Upload images discord.py➤ aiohttp |
|  | Command required: | \$img |







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">➤ On message➤ String split or String slice➤ Emoji ID➤ Add reaction |
|  | Resources: | Discord.py: How can I add a reaction to a message? |
|  | Search keywords: | <ul style="list-style-type: none">➤ Python string split method➤ Python slice string➤ Add reaction to message discord.py |
|  | Command required: | \$react [word] 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:

