

Convert emoji into text **in python**



INTRODUCTION:

An emoji is a tiny digital image or pictogram used to express an idea, emotion, or concept in electronic communication. Emojis can range from simple smiley faces to complex images depicting people, animals, objects, and even activities.

Emojis can help convey tone and emotion, which can be difficult to express through text alone. With emojis, users can add a layer of emotional nuance to their messages, reducing the risk of miscommunication and fostering more meaningful connections.

AIM:

To convert emoji into text in python by using the source code.

OBJECTIVE :

Understanding how to handle and process emoji characters within a text-based application or system. Converting emoji characters to their textual representation for compatibility with systems that do not support emoji. Enabling the analysis and manipulation of text data containing emoji, such as sentiment analysis, natural language processing, and data mining. Enhancing user experience by providing support for emoji in applications that require text input and output. Ensuring consistent display and interpretation of emoji across different platforms and systems.

SOURCE CODE:

```
import emoji

def convert_emoji_to_text(emoji_text):
    text_with_aliases = emoji.demojize(emoji_text)
    return text_with_aliases

if __name__ == "__main__":
    emoji_text = "I love Python! 🥰🐍"
    converted_text = convert_emoji_to_text(emoji_text)
    print("Original Text:", emoji_text)
    print("Converted Text:", converted_text)
```

Output:

Original Text: I love Python! 🥰🐍

Converted Text: I love Python! :heart_eyes::snake:

CONCLUSION:

Now, you can start converting emojis into their corresponding text representations using the `emoji. demojize()` function. This function takes an emoji-containing string as input and returns a string with emojis replaced by their text aliases.

Above code is to covert emoji into text.