Aim: Convert emojis into text using a Python program.

Objectives:

1. Create a dictionary mapping emojis to their corresponding text representations.

2. Write a function to convert emojis in a given string to text based on the dictionary.

Source code:

def emoji\_to\_text(text):

Dictionary mapping emojis to text

emoji\_dict = {

"😊": "happy",

"😢": "sad",

"❤️": "love",

"🍕": "pizza",

"😺": "cat",

# Add more emojis and corresponding words as needed

}

Replace each emoji with its corresponding text (if available) or keep the original emoji

words\_text = [emoji\_dict.get(char, char) for char in text]

Join the list of words/emojis into a string

result = ''.join(words\_text)

return result

Example

input\_text = "I ❤️ 🍕 and my 😺"

output\_text = emoji\_to\_text(input\_text)

print("Input Text:", input\_text)

print("Output Text:", output\_text)

Result:

Input Text: "I ❤️ 🍕 and my 😺"

Output Text: "I love pizza and my cat"

Conclusion:

The Python code successfully converts emojis into text based on the provided dictionary. This can be useful in scenarios where text analysis or processing requires emojis to be represented as words.