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In [1]: import re

def format_phone_number(phone_number):
    # Define a regular expression pattern for phone numbers
    pattern = r'(\d{3})[-.\s]?(\d{3})[-.\s]?(\d{4})'

    # Use re.sub to reformat the phone number
    formatted_number = re.sub(pattern, r'(\1) \2-\3', phone_number)

    return formatted_number

# Input phone number for formatting
phone_number = input("Enter a phone number: ")

formatted_number = format_phone_number(phone_number)
print("Formatted Phone Number:", formatted_number)

Enter a phone number: 123-456-7890
Formatted Phone Number: (123) 456-7890
```

In [ ]: