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 Code ▾

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•[4]: import re #LMS DAY-9(197)
def clean_text(text):
    """
    Clean the given text by:
    1. Removing special characters
    2. Converting to lowercase
    3. Removing numeric characters
    4. Stripping extra spaces

    Args:
        text (str): The input text to be cleaned.

    Returns:
        str: The cleaned text.
    """
    text = re.sub(r'^a-zA-Z0-9\s', '', text)
    text = re.sub(r'\d', '', text)
    text = text.lower()
    text = ' '.join(text.split())
    return text
input_text = 'Hello, World! Welcome to NLP 101.'
cleaned_text = clean_text(input_text)
print(f"Original text: {input_text}")
print(f"Cleaned text: {cleaned_text}")
```

Original text: Hello, World! Welcome to NLP 101.
Cleaned text: hello world welcome to nlp