

```
1 # [Day-10 2211cs020206]write a python
function using regular expression to extract
all email addresses from a given string.Test
it with the input:'Contact us at
support@example.com(mailto:support@exa
mple.com)and
sales@example.org(mailto:sales@example.
org)'
```

In [1]:

```
1 import re
2 def extract_emails(text):
3     """
4     Extract all email addresses from the given text using regular express
5
6     Args:
7         text (str): The input text containing email addresses.
8
9     Returns:
10         list: A list of extracted email addresses.
11     """
12     email_pattern = r'[a-zA-Z0-9._%+-]+@[a-zA-Z0-9.-]+\.[a-zA-Z]{2,}'
13     emails = re.findall(email_pattern, text)
14     return emails
15 input_text = 'Contact us at support@example.com and sales@example.org.'
16 extracted_emails = extract_emails(input_text)
17 print(f"Extracted email addresses: {extracted_emails}")
```

Extracted email addresses: ['support@example.com', 'sales@example.org']

In [ ]:

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