

*\*SALONI BHINGARDIVE ROLL NO. 23 NLP PRACTICAL 08 \**

```
import nltk
```

```
import re
```

```
text="I'd love to visit Rome, Istanbul and Switzerland."
x=re.findall("Rome", text)
if (x):
    print(" word found")
    print(x)
    print(len(x))
else:
    print("word not found")
```

```
word found
['Rome']
1
```

```
text="Harry and Ron went to the restricted section of the library to find about Nicholas Flammel and the Philos
x1=re.findall("Harry", text)
if (x1):
    print("Word found")
    print(x1)
    print(len(x1))
else:
    print("word not found")
```

```
Word found
['Harry', 'Harry']
2
```

```
text3="My email id is kalam.sanjay@gmail.com"
match=re.search(r"\w+@\w+", text3)
if match:
    print(match.group())
```

```
sanjay@gmail
```

```
text3="My email id is kalam.sanjay@gmail.com"
match=re.search(r"[\w,.,-,#]+@[ \w,.,-,#]+", text3) #remember to separate special characters with comma (like it
if match:
    print(match.group())
```

```
kalam.sanjay@gmail.com
```

```
email="My email id is murcibo_holic@gmail.com"
match=re.search(r"[\w,.,-,#]+@[ \w,.,-,#]+", email)
if match:
    print(match.group())
```

```
murcibo_holic@gmail.com
```

```
email="My email id is murcibo_holic@gmail.com"
match=re.search(r"[\w,.,-,#]+@[ \w,.,-,#]+", email)
if match:
    print(match.group())
```

```
murcibo_holic@gmail.com
```

```
text5="The oranges are best in Nagpur."
match=re.search(r"^The.*$", text5)
if match:
    print("Found")
    print(match.group())
else:
    print("Not found")
```

➞ Found  
The oranges are best in Nagpur.

```
text5="I love to eat choco chip cookies."
match=re.search(r"^I.*$", text5)
if match:
    print("Found")
    print(match.group())
else:
    print("Not found")
```

➞ Found  
I love to eat choco chip cookies.

```
text5="I love to eat choco chip cookies. Its my comfort snack. Other than that I enjoy a strong cup of coffee"
match=re.search(r"Other.*coffee", text5)
if match:
    print(" Match Found")
    print(match.group())
else:
    print("Not found")
```

➞ Match Found  
Other than that I enjoy a strong cup of coffee

```
text5="I love to eat choco chip cookies. Its my comfort snack. Other than that I enjoy a strong cup of coffee"
match=re.search(r"Its.*snack", text5)
if match:
    print(" Match Found")
    print(match.group())
else:
    print("Not found")
```

➞ Match Found  
Its my comfort snack

```
text5="I love to eat choco chip cookies. Its my comfort snack. Other than that I enjoy a strong cup of coffee"
match=re.search(r"Its.*snack", text5)
if match:
    print(" Match Found")
    print(match.group())
else:
    print("Not found")
```

➞ Match Found  
Its my comfort snack

```
text6="I was in Crossword and I found a book called One of us is lying. Its a murder mystery. I spent about a"
match=re.search(r"Its.*mystery", text6)
if match:
    print(" Match Found")
    print(match.group())
else:
    print("Not found")
```

➞ Match Found  
Its a murder mystery