

DATE 7 Oct 23

Activity 3: Consider the string "welcome to Python world".
 Perform the following operation:

- Count the number of alphabets in given string.
- To extract character in the given, range from the given string.
- Check if the string is alphanumeric or not

```
# a) string = "Welcome to Python world".
alphabet - count = sum(1 for char in string if char.isalpha())
print("Number of alphabets in the string:", alphabet
to Python world".
```

Original String : Welcome to Python World

1. Count no of alphabets
2. Extract character using range
3. String is alphanumeric or not
4. Exit

Enter your choice: 1

20

1. Count no of alphabets
2. Extract character using range
3. String is alphanumeric or not
4. Exit

Enter your choice: 2

Enter start range: 8

Enter end range: 17

to Python

1. Count no of alphabets
2. Extract character using range
3. String is alphanumeric or not
4. Exit

Enter your choice: 3

Welcome to Python World

False

1. Count no of alphabets
2. Extract character using range
3. String is alphanumeric or not
4. Exit

Enter your choice: 4

[start - index : end - index + 1]
 Substring: "Substring".
 to Python world".
 string.isalnum()

g is alphanumeric")

ng is not alphanumeric.")

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