

{//}

1. قم بعد عدد مرات تكرار كل حرف في النص التالي باستخدام if

Count the number of each letter occurrence in the following text using if statement.

```
txt = """welcome to codezilla course  
we are happy to have you all here  
hope you enjoy the course"""
```

{codezi//a}

{//}

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الخطوات التالية

```
# create an empty dictionary to store the letters

# loop through the string

# check if the letter is not in the dictionary

# if the letter is not in the dictionary
# add the letter to the dictionary
# and set the value to 1

# if the letter is in the dictionary
# add 1 to the value

# print the dictionary
```

{codezi//a}

```
{//}
```

```
txt = """welcome to codezilla course
we are happy to have you all here
hope you enjoy the course"""

# create an empty dictionary to store the letters
letter_count = {}

# loop through the string
for letter in txt:
    # check if the letter is not in the dictionary
    if letter not in letter_count:
        # if the letter is not in the dictionary
        # add the letter to the dictionary
        # and set the value to 1
        letter_count[letter] = 1

    else:
        # if the letter is in the dictionary
        # add 1 to the value
        letter_count[letter] += 1

# print the dictionary
print(letter_count)
```

{codezi//a}

{//}

2. قم بعد عدد مرات تكرار كل حرف في النص التالي باستخدام

get method

Count the number of each letter occurrence in the following text using get method.

```
txt = """welcome to codezilla course  
we are happy to have you all here  
hope you enjoy the course"""
```

{codezi//a}

{//}

إذا لم توفق للوصول للحل يمكنك السعي مرة أخرى بمساعدة
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```
# create an empty dictionary to store the letters  
  
# get the value of the letter from the dictionary  
  
# if the letter is not in the dictionary set the value to 0  
  
# add 1 to the value of the letter
```

{codezi//a}

{//}

```
txt = """welcome to codezilla course
we are happy to have you all here
hope you enjoy the course"""

# create an empty dictionary to store the letters
letter_count = {}

for letter in txt:
    # get the value of the letter from the dictionary
    # if the letter is not in the dictionary set the value to 0
    letter_count[letter] = letter_count.get(letter, 0)

    # add 1 to the value of the letter
    letter_count[letter] += 1

print(letter_count)
```

{codezi//a}

{//}

3. قم بعد عدد مرات تكرار كل حرف في النص التالي باستخدام

setdefault method

Count the number of each letter occurrence in the following text using setdefault method.

```
txt = """welcome to codezilla course  
we are happy to have you all here  
hope you enjoy the course"""
```

{codezi//a}

{//}

إذا لم توفق للوصول للحل يمكنك السعي مرة أخرى بمساعدة
الخطوات التالية

```
# create an empty dictionary to store the letters  
  
# get the value of the letter from the dictionary  
  
# if the letter is not in the dictionary set the value to 0  
  
# add 1 to the value of the letter
```

{codezi//a}


```
{//}
```

```
txt = """welcome to codezilla course
we are happy to have you all here
hope you enjoy the course"""

# create an empty dictionary to store the letters
letter_count = {}

for letter in txt:
    # get the value of the letter from the dictionary
    # if the letter is not in the dictionary set the value to 0
    letter_count.setdefault(letter, 0)

    # add 1 to the value of the letter
    letter_count[letter] += 1

print(letter_count)
```

{codezi//a}