

```
In [2]: a = "Hello World!"  
print(a[1])  
  
print(a[2:5])
```

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e  
llo
```

```
In [4]: print(a.strip())  
  
print('Strlen(a) = ', len(a))
```

```
Hello World!  
Strlen(a) = 12
```

```
In [5]: a = "Hello World!"  
print(a.lower())
```

```
hello world!
```

```
In [6]: print(a.upper())
```

```
HELLO WORLD!
```

```
In [7]: print(a.split(","))
```

```
['Hello World!']
```

```
In [9]: print("Enter your Name:")  
X = input()  
print('Hello ' + X)
```

```
Enter your Name:  
Preethi  
Hello Preethi
```

```
In [10]: str1 = 'Hello How are you?'  
str1.split()
```

```
Out[10]: ['Hello', 'How', 'are', 'you?']
```

```
In [11]: str2 = 'Apple Mango Apple'  
str2.count('Apple')
```

```
Out[11]: 2
```

```
In [12]: str3 = 'Apple Mango Apple'

str2 = 'Mango'

str3.count(str2)
```

Out[12]: 1

```
In [13]: str4 = 'Apple Mango Apple Banana'

str5 = 'Apple'

str4.count(str5)
```

Out[13]: 2

```
In [52]: #Python code to print the frequency of each word in a given string.
def freqcount(str):

    #Break the string into a list of words.
    str = str.split(",")
    str2 = []

    for i in str:
        #Checking for duplicacy of words.
        if i not in str2:
            #insert value in str2
            str2.append(i)

    for i in range(0, len(str2)):
        #Count the frequency of each word (present in str2)
        #in str and print:
        print('Frequency of', str2[i], 'is: ', str.count(str2
[i]))
```

```
In [68]: str1 = 'apple, mango, apple'

str1.count('apple')
```

Out[68]: 2

```
In [81]: str1 = 'apple, mango, apple'
str2 = str1.split(',')

str3 = []

print(str2)

print(str2[0])

print(str2[1])

print(str2[2])

['apple', ' mango', ' apple']
apple
mango
apple
```

```
In [98]: str1 = 'apple, mango, apple'
str2 = str1.split(',')
print(str2)

print('Str2 Len = ',len(str2))

for i in range(0,len(str2)):
    print('str2['+i+'] = ',str2[i])

['apple', ' mango', ' apple']
Str2 Len =  3
str2[ 0 ] =  apple
str2[ 1 ] =  mango
str2[ 2 ] =  apple
```

```
In [22]: #Sample function in python
def fn1():
    print("hello1")
    print("hello2")

print("This is outside the function")

This is outside the function
```

```
In [23]: fn1()

hello1
hello2
```

```
In [80]: txt = "I love apples, apple are my favorite fruit"

x = txt.count("apple")

print(x)
```

2