



# Python Programming

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## Week 4: Strings and String Manipulation

```
name = "al mustagbal"
print(name.title())

name = "al mustagbal"
print(name.upper())
print(name.lower())

first_name = "AlMustagbal"
last_name = "University"
full_name = f"{first_name} {last_name}"
print(full_name)

print("Python")
print("\tPython")

print("Languages:\nPython\nC++\nJava")

print("Languages:\n\tPython\n\tC++\n\tJava")

language = ' python '
print(language.rstrip())
print(language.lstrip())

url = 'https://uomus.edu.iq/'
print(url)
print(url.removeprefix('https://'))

name = 'AlMustagbal'
for ch in name:
    print(ch)

# Create a variable to use to hold the count.
# The variable must start with 0.
count = 0
# Get a string from the user.
my_string = input('Enter a sentence: ')
# Count the Ts.
for ch in my_string:
    if ch == 'T' or ch == 't':
        count += 1
# Print the result.
print('The letter T appears', count, 'times.')
```



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```
my_string = 'Roses are red'
print(my_string[0], my_string[6], my_string[10])

my_string = 'Roses are red'
print(my_string[-1], my_string[-2], my_string[-13])

message = 'Hello ' + 'world'
print(message)

name = 'Al Mustagbal'
print('The name is', name)
name = name + ' University'
print('Now the name is', name)

full_name = 'Al Mustagbal University'
middle_name = full_name[3:12]
print(middle_name)

letters = 'ABCDEFGHIJKLMNOPQRSTUVWXYZ'
print(letters[0:26:2])

numbers = '0123456789'
print(numbers[0:10:2])
```



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Al Mustagbal

AL MUSTAGBAL

al mustagbal

AlMustagbal University

Python

Python

Languages:

Python

C++

Java

Languages:

Python

C++

Java

python

python

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a

g

b

a

l

Enter a sentence: Today we sold twenty-two toys

The letter T appears 5 times.

R a r

d e R

Hello world

The name is Al Mustagbal

Now the name is Al Mustagbal University

Mustagbal

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