

في عندي بعض العلامات زي ال Single quotes (') وال double quotes (") وباقي العلامات اللي بتستخدم ف انها تبدأ وتنتهي string او تعمل assign لمتغير او غيرهم، في بعض الاحيان محتاج اني اكتبهم جوا string كمجرد حرف او علامه مش عايزهم ينهولي ال string في الحاله دي بستخدم ال back slash (\) قبل علامه اللي عايز اضمنها في الكلام، ال \ بتعمل Escape للعلامه اللي بعدها.

غير كدا في استخدامات ثانيه لل \ مع احرف ثانيه بيعملوا حاجه معينه زي م موجود في الكود كدا.

```
#-----
# Escape Sequences Characters
# \b => Back Space
# \  => Escape New line
# \\ => Escape Back slash
# \' => Escape single quotes
# \" => Escape double quotes
# \n => Line Feed
# \r => Carriage Return
# \t => Horizontal Tab
# \xhh => Character HEX Value
#-----

# Back Space
print("Hello\bWorld") # Will Remove o

# Escape New Line + Back Slash
print("Hello \
Python") # Allows to write the rest of the line code in a new line

# Escape Back Slash
print("I will print a back slash \\") # if u actually wants to involve a \ in your string

# Escape Single Quote
print('I will print a Single Quote \'Test\' ') # if u want to involve a single quote ' in your string without ending it

# Escape Double Quotes
print("I will print a Double Quotes \"Test\" ") # if u want to involve a double quotes ' in your string without ending it

# Line Feed
print("Hello World\nSecond Line") # to print the Second part of the string in a new line

# Carriage Return
print("123456\rAbcde") # takes the part after \r then replace it with equal number of characters before \r and leave the rest as it is

# Horizontal Tab
print("Hello\tPython") # print a tab(space) between words
```

```
# Character Hex Value
print("\x4D\x75") # print the ASCII Character corresponding to the HEX value after \
```

CODE

```
PS C:\Users\Muhammad> & python "c:/Users/Muhammad/Documents/Python Course/first.py"
HellWorld
Hello I Love Python
I Love Back Slash \
I Love Single Quote 'Test'
I Love Double Quotes "Test"
Hello World
Second Line
Abcde6
Hello Python
Mu
PS C:\Users\Muhammad> █
```

OUTPUT