Escape Character

To insert characters that are illegal in a string, use an escape character.

An escape character is a backslash \ followed by the character you want to insert.

An example of an illegal character is a double quote inside a string that is surrounded by double quotes

**\”—double quotes**

*#Escape character using double quotes*text="I studied at \"Sheffield Hallam University\" in 2019"  
print(text)*#I studied at "Sheffield Hallam University" in 2019*

**\’—single quote**

*#Escape character using single quote*text="I worked in \'skipton\' in 2021"  
print(text)*#I worked in 'skipton' in 2021*

**\\—backslash**

txt = "This will insert a \\ (backslash)."  
print(txt) *#This will insert a \ (backslash).*

**\n—new line**

txt = "Hello\nWorld!"  
print(txt)

Hello

World!

**\t—tab**

txt = "Hello\tWorld!"  
print(txt) *#Hello World!*

**\b—backspace**

*#This example erases one character (backspace):*txt = "Hello \bWorld!"  
print(txt) *#HelloWorld!*

**\ooo—Octal Value**

*#A backslash followed by three integers will result in a octal value:*txt = "\110\145\154\154\157"  
print(txt) *#Hello*

**\xhh—hex value**

*#A backslash followed by an 'x' and a hex number represents a hex value:*txt = "\x48\x65\x6c\x6c\x6f"  
print(txt) *#Hello*

\f—Form feed