Escape Sequence Characters In Python

Escape Sequence	Meaning	Example	Output
\'	Single quote	`'It\'s OK'`	It's OK
\"	Double quote	`"He said, \"Hello\""`	He said, "Hello"
\\	Backslash	`"C:\\Users\\Haris"`	C:\Users\Haris
\n	New line	`"Hello\nWorld"`	```

Hello

World

| `\t` | Tab space | `"Hello\tWorld"` | `Hello   World` |

| `\r` | Carriage return | `"Hello\rWorld"` | `World` (overwrites) |

| `\b` | Backspace | `"Hello\bWorld"` | `HellWorld` |

| `\f` | Form feed (used in printers) | `"Hello\fWorld"` | (adds a page break effect) |

| `\v` | Vertical tab | `"Hello\vWorld"` | (moves to next vertical tab stop) |

| `\ooo` | Octal value | `"\101"` | `A` |

| `\xhh` | Hex value | `"\x41"` | `A` |

| `\uXXXX` | Unicode (16-bit) | `"\u03A9"` | `Ω` |

| `\UXXXXXXXX` | Unicode (32-bit) | `"\U0001F600"` | 😀 |

🔷 Example:

```python
print("Hello\tWorld")   # Adds a tab space

print("Line1\nLine2")   # Moves to next line

print("He said, \"Hi!\"") # Adds double quotes inside string

print("C:\\Users\\Haris") # Prints file path correctly
```