

9 Comments

Comments are parts of the source code ignored by the compiler. They do nothing but simply increase the readability and understandability of a program. Their purpose is only to allow the programmers to insert notes or descriptions within the source code.

- Shortcut of comment is **Ctrl + /**

In [22]:

```
1 # Comment
2 # print("Line No 01 \n Line No 02") # \n is used for new Line
3 print("Name \t Ikram") # \t is used for tab
4 # print("Double Backslash \\") # \\ is for backslash
```

```
Name      Ikram
Double Backslash \\\
```

10 Escape Sequence/Character

Escape Sequence	Meaning
\'	Single Quote
\"	Double Quote
\\	Backslash
\n	New Line
\t	Tab
\b	Backspace

In [3]:

```
1 # Escape Sequence
2 #print("welcome "to" python") # Shows error
3 print("welcome \"to\" python") # Correct
```

```
welcome "to" python
```

In [23]:

```
1 print("Hell\blo")
2 print("\\\\" "\n")
3 print("there are /\n/\n/\n/\n mountains")
```

```
Hello
\ " \n
there are /\n/\n/\n/\ mountains
```

In [5]:

```
1 # Escape Sequence
2 print('I\'m Ikram') # Shows error
3 print('I\'m Ikram') # Correct
```

```
I'm Ikram
I'm Ikram
```

```
In [10]: 1 # Escape Sequence
         2 #print("Line No 01")
         3 #print("Line No 02")
         4
         5 print("Line No 01\nLine No 02\nLine No 03")
```

Line No 01
Line No 02
Line No 03

```
In [11]: 1 # Escape Sequence
         2 print("Name \tIkram Ullah Khan")
```

Name Ikram Ullah Khan

```
In [13]: 1 # Escape Sequence
         2 print("This is \\ Backslash")    # Error
         3 print("This is Backslash \\")    # Error
         4
         5 print("This is \\ Backslash")    # Correct
```

This is \ Backslash
This is Backslash \
This is \ Backslash

11 Escape Characters as Normal Text

Output: Line No 01 \n Line No 02

```
In [ ]: 1 # print Line No 01 \n Line No 02
         2 # type your code here
         3
         4 # print Line No 01 \t Line No 02
         5 # type your code here
         6
         7 # print \" \'
         8 # type your code here
         9
```

11.1 Assignment - 01

Print the following Lines

- this is \\ double backslash
- these are /\ /\ /\ /\ mountains
- he is awesome (use escape sequence instead of manual spaces)
- \" \n \t \' -- print this as an output