

Programming in Python

Section 2

Output

The print command:

“print” is a keyword in Python that cannot be used for anything else, like a variable. It is not “Print”, nor “PRINT”, but “print”

Syntax: print ("whatever you want to display")

Open up a new file in Wing IDE and type in the following codes.
Add a comment (using #) for each line to explain what it does.

```
print ("Hello everybody")
```

```
print ("\tHello everybody")
```

```
print ("\tHello\teverybody")
```

```
print()
```

```
print("\n")
```

```
print ("Hello\neverybody")
```

```
print ("\"Hello\" everybody")
```

To summarize:

Some special characters (backslash characters) can be used inside a print command to do special things. The most common ones we'll use are:

Command	What it Does:	Example
<code>\n</code>	The next output is on a new line.	<code>print("Hello\nEverybody")</code>
<code>\t</code>	The next output is now at the next tab spot.	<code>print("One\tTwo\tThree")</code>
<code>\"</code>	Used when a " is needed as part of the input. Why doesn't just a " work?	<code>print("This word is in \"quotes\"")</code>

Exercise #2

- 1) Write a program that displays the following on the screen:

```
"My goodness! My gracious!"  
They shouted. "MY WORD!"  
It's something brand new!  
IT'S AN ELEPHANT BIRD!"
```

- 2) Write a program to display the following:

American League				
East	W	L	PCT	GB
NY Yankees	77	41	.653	-
Tampa Bay	69	50	.580	8.5
Boston	62	58	.517	16.0
Toronto	49	72	.405	29.5
Baltimore	39	78	.333	37.5

Hint: Use `\t` to format.

- 3) Type in the following into a new file:

```
print ("I like the character '\\'.")
```

Execute the program. Did it display what you thought it would?

Modify it so that the `\` displays.

- 4) Write a program to display the following picture:

```
  . . .  
  /\   
 /\ \   
///  \ \
```