Python Basics : print / Variables / Functions

P R O G R A M	O U T P U T

`# Printing a string`
 	
`print( "Hello" )`
	`Hello`

`# Printing multiple lines`
 	
`print( "Hello Ann" )`
`print( "How are you, Ann?" )`
`print( "Goodbye Ann" )`
	`Hello Ann`
	`How are you, Ann?`
	`Goodbye Ann`

`# Tedious to change "Ann" to "Tim"`
 	
`print( "Hello Tim" )`
`print( "How are you, Tim?" )`
`print( "Goodbye Tim" )`
	`Hello Tim`
	`How are you, Tim?`
	`Goodbye Tim`

`# Introducing a VARIABLE`
 	
`name = "Ann"`
 	
`print( "Hello", name )`
`print( "How are you,", name, "?" )`
`print( "Goodbye", name )`
	`Hello Ann`
	`How are you, Ann ?`
	`Goodbye Ann`

`# Now only the variable needs to be changed`
 	
`name = "Tim"`
 	
`print( "Hello", name )`
`print( "How are you,", name, "?" )`
`print( "Goodbye", name )`
	`Hello Tim`
	`How are you, Tim ?`
	`Goodbye Tim`

P R O G R A M	O U T P U T

`# Introducing a FUNCTION`
 	
`def Greet( name ) :`
 	
    `# Greet the person 'name'`
 	
    `print( "Hello", name )`
    `print( "How are you,", name, "?" )`
    `print( "Goodbye", name )`
 	
`Greet( "Ann" )`
 	
`Greet( "Tim" )`
	
	`Hello Ann`
	`How are you, Ann ?`
	`Goodbye Ann`
	
	`Hello Tim`
	`How are you, Tim ?`
	`Goodbye Tim`

`# A function with MULTIPLE PARAMETERS`
 	
`def EastWest( forename, surname ) :`
 	
    `# Display the name 'forename' and 'surname'`
    `# in both Eastern and Western styles`
 	
    `print( "Eastern :", surname, forename )`
    `print( "Western :", forename, surname )`
 	
`EastWest( "Luke", "Skywalker" )`
	
	`Eastern : Skywalker Luke`
	`Western : Luke Skywalker`

`# A function RETURNING A VALUE`
 	
`def ToInches( feet, inches ) :`
 	
    `# The total number of inches`
    `# in 'feet' feet and 'inches' inches`
 	
    `return 12 * feet + inches`
 	
`print( ToInches( 5, 9 ) )`
 	
`myheight = ToInches( 6, 2 )`
`print( "My height is", myheight, "inches" )`
	
	`69`
	
	`My height is 74 inches`