EclipseCon Python Scripting Workshop Cheat Sheet

**Assignment**

No need to declare types

var1 = *"hello "* #str

var1 += *"world! \n"*

print(var1) #hello\_world!

var2 = 123 #int

print(var2) #123

var3 = True #bool

var4 = False #bool

var5 = 2.7 #float

**Conditionals**

Note the indentation, whitespace matters!

#null check

if name is not None:

print(name)

Note the indentation, whitespace matters!

if not iproject.isOpen():

continue

If, elif, else block:

#if else block

if (a == b):

print(*"Equal"*)

elif (a>b):

print(*"A is bigger"*)

else:

print(*"Not equal"*)

**Loops**

for i in range(10):

print (i)

Loop over list:

my\_list = [*'zag'*, *'zeg'*, *'zig'*]

for zword in my\_list:

print(zword)

Loop over projects in workspace:

for iproject in getWorkspace().getProjects():

print(iproject.getName())

**Functions**

def **my\_func** (arg1, arg2):

print(arg1)

return arg2+1

abc = my\_func(*'x'*, 123) #x

print(abc) #124