



String Continued..

Session-4

Format-EX1

- *#this is old style formatting*
- `print("%s %d"%("hello",9))`
- *#this is new style formatting*
- `print("{1} {0}".format("hello",9))`
- *#padding and aligning--Old style*
- `print("%30s"%("hello world"))#right align`
- *#new style*
- `print("{:>30}".format("hello world"))`
- *#Old style*
- `print("%-30s"%("hello world"))#left align`
- *#new style*
- `print("{:<30}".format("hello world"))`
- *#center align--not available in old style*
- `print("{:^30}".format("hello"))`

Format-EX2

- *#padding -you can choose padding characters--not*
- *#available in old style*
- `print("{:&^30}".format("hello"))`
- *#truncating long string--Old style*
- `print("%0.5s"%("hello world"))`
- *#new Style*
- `print("{:.5}".format("hello world"))`

Format-EX3

- *#numbers--Old style*
- `print("%d"%(42))`
- `print("%f"%(42.56))`
- *#new Style*
- `print("{:d}".format(42))`
- `print("{:f}".format(42.89))`
- *#padding numbers-old style*
- `print("%4d"%(42))`
- `print("%04d"%(42))` *#padded with 0*
- `print("%06.2f"%(42.5689))`
- *#new style*
- `print("{:04d}".format(42))`
- `print("{:0<6.2f}".format(42.89))`

Format-EX4

- *#signed numbers*
- *#old style*
- `print("%+5d"%(42))`
- `print("% d"%(- 42))`
- *#new style*
- `print("{:>+5d}".format(42))`
- `print("{: 5d}".format(- 42))`
- *"""New style formatting is also able to control the position of the sign symbol relative to the padding."""*
- `print("{:=5d}".format(- 42))`
- `print("{:=+5d}".format(42))`

Format-EX5

- `d={'first':24, "second":"hello"}`
- `print("%(first)s %(second)s"%(d))` *#old style*
- `print("{first} {second}".format(**d))` *#new style*
- *#keyword argument -not in Old style*
- `print("{first} {second}".format(first=24, second='hello'))`
- `print("{p[first]} {p[second]}".format(p=d))`

Format-EX6

- *#parameterized alignement -not in old style*
- `print("{:_{{align}}{{width}}}".format("hello",align='^',width='10'))`
- *#parameterized precision*
- `print("%*.*s = %.*f"%(10,3,"hello world",3,2.71892))`
- `print("{:{pr}.*p}}={:.*p}f}".format("hello world",2.71892,pr=10,p=3))`