

Exercise 1

Visualize ComplexCity
Chair of Information Architecture
ETH Zürich

February 22, 2013

1 Slides

Go through the slides of the presentation. Run the code snippets of the following slides and print all corresponding variables: Slides 5, 6, 7, 9, 10, 11, 12, 13, 14, 15, 20, 21, 23, 25 and 28. Test the function of slide 28 with different inputs. For example, do the following for the first half of slide 9:

```
iAmTrue = True
print(iAmTrue)
iAmFalse = False
print(iAmFalse)
```

2 Loops

In this section print the following patterns using *for* and/or *while* loops. You should not use more than one *print* statement per exercise.

- | | | |
|-----------------------------|------------------------------------|------------------------------------|
| a) #####
#####
| c)
##
###
####
| e) #0#0#0#
0#0#0#0
#0#0#0# |
| b) ###
000
###
000 | d) #0#0#0#
#0#0#0#
#0#0#0# | f) #
0#
0#0
#0#0
#0#0# |

- g) Do the exercises a) to f) with using a user input defining the number of lines to be printed. For example e) with input 2:

```
#0#0#0#  
0#0#0#0
```