

# Exercise 1

Creative Data Mining. Uncover and Evaluate  
Chair of Information Architecture  
ETH Zürich

February 27, 2017

## Hand-In

Please hand in your scripts (*.py* files) latest on March 13<sup>th</sup> after the lecture to Dani Zünd ([zuend@arch.ethz.ch](mailto:zuend@arch.ethz.ch)).

## Loops

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

a) #####  
#####  
#####

d) #0#0#0#  
#0#0#0#  
#0#0#0#

b) ###  
000  
###  
000

e) #0#0#0#  
0#0#0#0  
#0#0#0#

c) #  
##  
###  
####  
#####

f) #  
0#  
0#0  
#0#0  
#0#0#