***Python***

from z1 import \*  
import sys # za argumente komandne linije  
import random

import string  
  
def f(x):  
 sum = 0  
 i = 1  
 while sum < int(x):  
 sum += i  
 i+=1  
 return sum, i  
  
if \_\_name\_\_ == '\_\_main\_\_':  
 # text = input("prompt")  
  
 x = sys.argv[1]  
 text = input("Unos: ")  
 if text.isdigit():  
 print("Is a number")  
  
 print(random.randint(0,9))

res = ''.join(random.choices(string.ascii\_uppercase + string.digits, k=5))

l10 = []

for i in range(10):  
 l10.append(random.randint(1, 50))

l10.reverse() # invert list

**Lista**

l = [] # kreiranje prazne liste

l = [1, 2, ‘a’, “b”]  
l.append(x) # dodavanje novog elementa na kraj liste  
print(len(l)) # vraca duzinu liste  
l.insert(x, i) # dodaje element x na index i  
l.remove(x) # brise element  
del l[i] # brise element sa indeksom i  
clear() # brise sve elemente iz liste

**Recnik (Dictionary)**

d = {} # kreiranje praznog recnika  
d = {"key1" : 1, "key2": 2}  
d["key2"] = 0 # menjanje vrednosti elementa  
d["key3"] = 3 # dodavanje novog elementa  
del d["key1"] # brisanje elementa  
list(d) # vraca listu svih kljuceva u recniku

**Rad sa datotekama**

import sys  
  
fin = open("input\_file\_name", "r")  
fout = open("output\_file\_name", "w")  
  
for line in fin:  
 fout.write(line)  
  
fin.close()  
fout.close()

**Torka (Tuple)**

t = ((),) # definisanje torke (tuple)  
t = ((1, 2.3, "Jedan"), (2, 3.4, "Dva"), (3, 4.5, "Tri"))  
print(t[0]) # ispisivanje

t += (1233, “nnsasd”)

**Time**

import time  
  
# Measure execution time:  
# float value in seconds: time.perf\_counter()  
# integer value in nanoseconds: time.perf\_counter\_ns()  
  
start\_time = time.perf\_counter()  
# do some processing...  
end\_time = time.perf\_counter()  
  
print('Execution time is', end\_time-start\_time)