import time  
list\_odd = []  
list\_even = []  
seconds\_start= time.time()  
for i in range (1,1001):  
 if i%2 == 0 :  
 list\_odd.append(i)  
 else:  
 list\_even.append(i)  
print ('even:',list\_even,)  
print (',odd:', list\_odd)  
seconds\_finish= time.time()  
print('time of working\_code:', seconds\_finish -seconds\_start)

#for 1-100 time of working\_code: 0.0010001659393310547  
#for 1-1000 time of working\_code: 0.0021054744720458984  
#for 1-10000 time of working\_code: 0.007184267044067383  
#for 1-100000 time of working\_code: 0.027987241744995117