**import** random **as** rand  
  
*# generate dataset*generate\_data = **""  
def** generate\_data ():  
  
 cluster\_of\_sensor\_data = []  
 number\_of\_sensors = 32  
 each\_sensor\_data = 16  
  
 **for** d **in** range(number\_of\_sensors): *# do the below block 32 times* cluster\_of\_sensor\_data.append([])  
 **for** f **in** range(each\_sensor\_data): *# do the below block 16 times* readings = rand.random()  
 cluster\_of\_sensor\_data[d].append(readings)  
  
  
 **return** cluster\_of\_sensor\_data  
  
**print** generate\_data()  
  
**import** datetime  
curtime = str(datetime.datetime.now())  
t = curtime + **"\n\n"** + str(generate\_data())+ **"\n\n"**t\_without\_time = str(generate\_data)  
f = open(**'new\_dictionary.txt'**, **'a'**)  
f.write(t)  
  
  
  
f.close()  
  
**print** type(generate\_data)  
  
matrixAr = []  
*#t = "[[1, 3], [2, -4], [19, -15]]"-just like the document*b= t\_without\_time.replace(**"[["**,**""**).replace(**"]]"**,**""**) *# to remove head [[ and tail ]]***print** b  
c = b.split(**'], ['**)  
**print** c  
**for** line **in** b.split(**'], ['**):  
 row =list(map(int,line.split(**','**))) *#map = to convert the number from string (some has also space ) to integer* **print** row  
 matrixAr.append(row)  
**print** matrixAr