import sys

inputfile = sys.argv[1]

def readInput():

fin = open(inputfile,"r")

lines = fin.readlines()

length = len(lines)

for i in range(length):

toks = lines[i].split(",")

if len(toks) >= 2:

if toks[0] == 'inp\_dim':

dim = int(toks[1])

if toks[0] == 'train\_fraction':

t\_fr = float(1.0-float(toks[1]))

if toks[0] == 'test\_fraction':

te\_fr = float(toks[1])

if toks[0] == 'hidden\_dimension':

H\_dim = int(toks[1])

if toks[0] == 'learn\_rate':

l\_rate = float(toks[1])

if toks[0] == 'batch\_size':

batch = int(toks[1])

if toks[0] == 'num\_epochs':

epoch = int(toks[1])

if toks[0] == 'test\_file':

test\_file = str(toks[1]).strip()

if toks[0] == 'input\_file':

input\_file = str(toks[1]).strip()

return dim, t\_fr, te\_fr, H\_dim, l\_rate, batch, epoch, test\_file, input\_file