

```

1 #dataLoader.py
2 class dataSet(object):
3     def __init__(self):
4         self.filename = ""
5         self.dataTable = []
6         self.rowNum = 0
7         self.inputNum = 0
8         self.lines = []
9         self.rowInputStr = []
10        self.rowOutputStr = []
11        self.rowInputList = []
12        self.rowOutputList = []
13
14    def loadFile(self, filename):
15        self.filename = filename
16        with open(filename) as f:
17            self.lines = f.readlines()
18            self.inputNum = int(self.lines[0])
19            self.rowNum = int(self.lines[1])
20            for i in range(2, self.rowNum+2):
21                rowStrList = self.lines[i].split(":")
22
23                self.rowInputStr.append(rowStrList[0] )
24                self.rowOutputStr.append(rowStrList[1])
25                rowInputStrList = rowStrList[0].split()
26                rowOutputStrList = rowStrList[1].split()
27                rowInputFloatList = []
28                rowOutputFloatList = []
29                for j in rowInputStrList:
30                    rowInputFloatList.append(float(j))
31                for j in rowOutputStrList:
32                    rowOutputFloatList.append(float(j))
33
34
35                self.rowInputList.append(rowInputFloatList)
36                self.rowOutputList.append(rowOutputFloatList)
37
38
39
40
41
42    def printFilename(self):
43        print(self.filename)
44

```