In [5]:
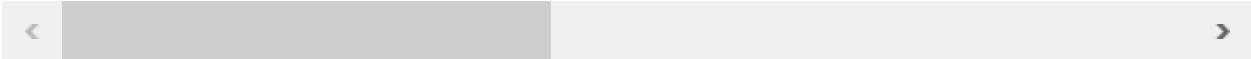```python
import pandas as pd
import glob
```

In [13]:
```python
path='C:/Users/Lohit/Desktop/krr/GroupA/raw data/'  # folder path
all_files=glob.glob(path+"/*.csv")    #extracting all the csv files fromt the fol
all_files
```

Out[13]:
```
['C:/Users/Lohit/Desktop/krr/GroupA/raw data\\CS402CompilerConstructionSectionB
CS9A.csv',
 'C:/Users/Lohit/Desktop/krr/GroupA/raw data\\CS4050 - Information Systems Audi
t and Control Section BCS-7A.csv',
 'C:/Users/Lohit/Desktop/krr/GroupA/raw data\\CS4057 - Agile Software Project M
anagement Section BCS-8B.csv',
 'C:/Users/Lohit/Desktop/krr/GroupA/raw data\\CS494 - IS Audit and Control Sect
ion BCS-7A.csv',
 'C:/Users/Lohit/Desktop/krr/GroupA/raw data\\CS5031 - Applied Computer Vision
Section MCS-2A.csv',
 'C:/Users/Lohit/Desktop/krr/GroupA/raw data\\CS5047 - Software Processes and Q
uality Assurance Section MSP-3A.csv',
 'C:/Users/Lohit/Desktop/krr/GroupA/raw data\\CS518 - Software Quality Assuranc
e Section MSP-1A.csv',
 'C:/Users/Lohit/Desktop/krr/GroupA/raw data\\CS535 - Natural Language Processi
ng Section MDS-1A.csv',
 'C:/Users/Lohit/Desktop/krr/GroupA/raw data\\CS570 - Advance Data Warehousing
and Data Mining Section MSP-2A.csv',
 'C:/Users/Lohit/Desktop/krr/GroupA/raw data\\CS6003 - Advanced Topics in NLP S
ection PCS-1A.csv',
 'C:/Users/Lohit/Desktop/krr/GroupA/raw data\\MG5041 - Entrepreneurship and Inn
ovation Section MSP-2A.csv',
 'C:/Users/Lohit/Desktop/krr/GroupA/raw data\\SE4031+-+Design+Defects+and+Restr
ucturing+Section+BCS-7A.csv']
```

In [14]:
```python
data=pd.read_csv(all_files[0]) #extracting 1st file data
data.head(10) # visualizing the data
```

Out[14]:

	Unnamed: 0	NUCES, KHI	Unnamed: 2	Unnamed: 3	Unnamed: 4	Unnamed: 5	Unnamed: 6	Unnamed: 7	Unn
0	Student Course Evaluation Analysis Report	NaN	NaN	NaN	Spring 2021	NaN	NaN	NaN	
1	CS402 - Compiler Construction Section:BCS-9A	NaN	NaN	NaN	Date: 28-Nov-22	NaN	NaN	NaN	
2	Instructor:	Sayed Yousuf	Registered Students:	43	Received Feedbacks:	39.0	NaN	NaN	
3	4=Strongly Agree, 3=Agree, 2=Uncertain, 1=Dis...	NaN	NaN	NaN	NaN	NaN	NaN	NaN	
4	NaN	CGPA Range:	NaN	3.00 - 4.00	NaN	NaN	NaN	NaN	2.0(
5	Question	NaN	4 3 2 1 0	NaN	NaN	NaN	NaN	4 3 2 1 0	
6	Course Content and organization	NaN	NaN	NaN	NaN	NaN	NaN	NaN	
7	1 The course objective was clear	NaN	10	11	1	0.0	2.0	4	
8	2 The course workload was manageable	NaN	12	8	2	1.0	1.0	5	
9	3 The course was well organized (e.g. timely ...	NaN	10	9	3	1.0	1.0	4	

In [15]:
```python
course=data.iloc[1,0] # extracting the course code
print(course)
print(course[:course.find("-")])
teacher=data.iloc[2,1]  # extracting the teacher name
teacher
```

CS402 - Compiler Construction   Section:BCS-9A
CS402

Out[15]: 'Sayed Yousuf'

In [16]:
```python
data.head(10)
```

Out[16]:

	Unnamed: 0	NUCES, KHI	Unnamed: 2	Unnamed: 3	Unnamed: 4	Unnamed: 5	Unnamed: 6	Unnamed: 7	Unn
0	Student Course Evaluation Analysis Report	NaN	NaN	NaN	Spring 2021	NaN	NaN	NaN	
1	CS402 - Compiler Construction Section:BCS-9A	NaN	NaN	NaN	Date: 28-Nov-22	NaN	NaN	NaN	
2	Instructor:	Sayed Yousuf	Registered Students:	43	Received Feedbacks:	39.0	NaN	NaN	
3	4=Strongly Agree, 3=Agree, 2=Uncertain, 1=Dis...	NaN	NaN	NaN	NaN	NaN	NaN	NaN	
4	NaN	CGPA Range:	NaN	3.00 - 4.00	NaN	NaN	NaN	NaN	2.0(
5	Question	NaN	4 3 2 1 0	NaN	NaN	NaN	NaN	4 3 2 1 0	
6	Course Content and organization	NaN	NaN	NaN	NaN	NaN	NaN	NaN	
7	1 The course objective was clear	NaN	10	11	1	0.0	2.0	4	
8	2 The course workload was manageable	NaN	12	8	2	1.0	1.0	5	
9	3 The course was well organized (e.g. timely ...	NaN	10	9	3	1.0	1.0	4	

In [17]:
```python
data=data.iloc[6:,17:] # extracting columns----> wt,avg,prod
data
```

Out[17]:

	Unnamed: 17	Unnamed: 18	Unnamed: 19
6	NaN	NaN	NaN
7	0	2.92	0
8	1	3.03	3.03
9	1	2.95	2.95
10	NaN	NaN	NaN
...	...	...	...
62	69.38	%	NaN
63	NaN	NaN	NaN
64	NaN	NaN	NaN
65	NaN	NaN	NaN
66	NaN	NaN	NaN

61 rows × 3 columns

In [18]:
```python
data=data.dropna() # removing the rows that contains Nan values
data=data.reset_index(drop=True)  # reset index
data
```

Out[18]:

	Unnamed: 17	Unnamed: 18	Unnamed: 19
0	0	2.92	0
1	1	3.03	3.03
2	1	2.95	2.95
3	1	3.18	3.18
4	1	3.21	3.21
5	1	3.08	3.08
6	0	3.08	0
7	1	3.18	3.18
8	1	3.23	3.23
9	1	3.23	3.23
10	1	3.15	3.15
11	1	3.21	3.21
12	1	2.95	2.95
13	0	3.08	0
14	1	3.26	3.26
15	1	3.23	3.23
16	0	3.13	0
17	0	3.05	0
18	1	3.1	3.1
19	1	3.13	3.13
20	1	3.15	3.15
21	0	3.13	0
22	0	3.05	0
23	0	3	0
24	0	2.97	0
25	1	3.05	3.05
26	1	3.03	3.03
27	1	3.13	3.13
28	0	3.03	0
29	1	3.38	3.38
30	1	3.23	3.23
31	1	3.31	3.31
32	0	3.13	0

	Unnamed: 17	Unnamed: 18	Unnamed: 19
33	0	3.18	0
34	0	3.23	0

In [20]:
```python
df=pd.read_csv(r'C:\Users\Lohit\Desktop\krr\feedback.csv')
df=df.iloc[:,2:4] #Selecting perfect format for questions with respect to their t
df
```

Out[20]:

	Type	Question
0	Course Content and organization	The course objective was clear
1	Course Content and organization	The course workload was manageable
2	Course Content and organization	The course was well organized (e.g. timely ac...
3	Teacher Evaluation	The instructor is prepared for each class
4	Teacher Evaluation	The instructor demonstrates knowledge of the s...
5	Teacher Evaluation	The instructor has completed the whole course
6	Teacher Evaluation	The instructor provides additional material ap...
7	Teacher Evaluation	The instructor communicates the subject matter...
8	Teacher Evaluation	The instructor shows respect towards students ...
9	Teacher Evaluation	The instructor arrived on time
10	Teacher Evaluation	The instructor lefton time
11	Teacher Evaluation	The instructor is fair in examination
12	Teacher Evaluation	The instructor returned the graded scripts etc...
13	Teacher Evaluation	The instructor was available during the specif...
14	Teacher Evaluation	The subject matter presented in the course has...
15	Teacher Evaluation	The assignments and exams covered the material...
16	Teacher Evaluation	The course Material is modern and updated
17	Student Contribution	Did you actively participated in this course
18	Student Contribution	Did you learn from this course
19	Learning Environment and Teaching methods	Was this course well structured to achieve the...
20	Learning Environment and Teaching methods	Did the learning and teaching methods encourag...
21	Learning Environment and Teaching methods	Was classroom environment conducive to learning?
22	Learning Environment and Teaching methods	Were classrooms satisfactory?
23	Learning Resources	Recommended reading books etc. were relevant a...
24	Learning Resources	Provision of learning resources in the library...
25	Quality of Delivery	The course stimulated my interest and thought ...
26	Quality of Delivery	Pace of the course was appropriate
27	Quality of Delivery	Ideas and concepts were presented clearly
28	Instructor/TA evaluation	I understood the lectures
29	Instructor/TA evaluation	The material was well organized and presented
30	Instructor/TA evaluation	The instructor was responsive to student needs...
31	Instructor/TA evaluation	Had the instructor been regular throughout the...
32	Tutorial	The material in the tutorials was useful

	Type	Question
33	Tutorial	I was happy with the amount of work needed for...
34	Tutorial	The tutor dealt effectively with my problems

In [21]:
```python
# forming the list of values for dataframes
Teacher=[teacher for _ in range(len(data.axes[0]))]
Course=[course for _ in range(len(data.axes[0]))]
typee=list(df.iloc[:len(data.axes[0]),0].values)
question=list(df.iloc[:len(data.axes[0]),1].values)
wt=list(data.iloc[:,0].values)
avg=list(data.iloc[:,1].values)
prod=list(data.iloc[:,2].values)

print(Teacher)
print(len(Course))
print(len(typee))
print(len(question))
print(len(wt))
print(len(avg))
print(len(prod))
```

```
['Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousu
f', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yous
uf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed You
suf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yo
usuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Y
ousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed
Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed Yousuf', 'Sayed
Yousuf']
35
35
35
35
35
35
```

In [22]:
```python
# forming data frame and append to the the file
df=pd.DataFrame({'Teacher':Teacher,'Course':Course ,'2':typee,'3':question,'4':wt
df.to_csv(r'C:\Users\Lohit\Desktop\krr\feedback.csv',mode='a',index=False,header=
```

In [ ]:

In [ ]: