```
C:\Users\shail\Downloads\bigdata664>python project_one.py
What is the name of the csv you'd like to input? example.csv
The dimensions are as follows: (4, 5)
Here are some samples of the data
    StudentID CourseID StudentName    CourseName Instructor
0           1    CS101       Alice   Intro to CS      Smith
1           1    MA101       Alice       Calc I       Jones
2           2    CS101         Bob   Intro to CS      Smith
3           2    PH101         Bob     Physics I        Lee
Here are the data types present.
StudentID       int64
CourseID       object
StudentName    object
CourseName     object
Instructor     object
dtype: object
Enter the functional dependencies for the dataset, in a A → B format, where each dependency is comma separated. StudentID→StudentName,CourseID→CourseName,Co
urseID→Instructor
Enter the primary key(s), comma separated. StudentID,CourseID
[['StudentID', 'CourseID']]
{('StudentID', 'CourseID'): ['StudentID', 'CourseID', 'StudentName', 'CourseName', 'Instructor']}
[(['StudentID'], ['StudentName'], ['StudentID', 'CourseID']), (['CourseID'], ['CourseName'], ['StudentID', 'CourseID']), (['CourseID'], ['Instructor'], ['St
udentID', 'CourseID'])]
[]
True
Populated table 0 with 3 rows.
id      StudentID       CourseID
1       CS101   Smith
2       MA101   Jones
3       PH101   Lee
Populated table 1 with 2 rows.
id      StudentID       StudentName
1       1       Alice
2       2       Bob
Populated table 2 with 3 rows.
id      CourseID        CourseName
1       CS101   Intro to CS
2       MA101   Calc I
3       PH101   Physics I
Populated table 3 with 3 rows.
id      CourseID        Instructor
```

```
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CourseID        object
StudentName     object
CourseName      object
Instructor      object
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Populated table 2 with 3 rows.
id      CourseID        CourseName
1       CS101   Intro to CS
2       MA101   Calc I
3       PH101   Physics I
Populated table 3 with 3 rows.
id      CourseID        Instructor
1       CS101   Smith
2       MA101   Jones
3       PH101   Lee
Enter in a valid SQL command. To exit the program, type Exit. Exit

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```