# Sed

sed 's/Student ID/Student ID,First Name,Middle Name,Last Name/; s/\([0-9]\+\)\([A-Z][a-z]\+\)\([A-Z][a-z]\+\)\([A-Z][a-z]\+\)/\1,\2,\3,\4/' input.txt

With the aim to fetch student ids and names, a certain someone messed up and

got the data merged instead of separated by commas. So instead of having columns

Student ID, First Name, Middle Name, Last Name

the file just contains

Student ID

with all the entries of a single row merged.

Task : Recover the file back to the format:

Student ID, First Name, Middle Name, Last Name.

You can assume "Student id" can only be numeric and any name starts with

a capital letter. Assume no other special characters. Separate the fields using commas in the ouput.

Input ->

Student ID

1001AaravRohitPatel

1002IshaniRaniSharma

Output ->

Student ID,First Name,Middle Name,Last Name

1001,Aarav,Rohit,Patel

1002,Ishani,Rani,Sharma

Usage :

sed -f names.sed students.csv