You are given two CSV files:

Students.csv – This file includes ID, level and major of several students. There are no duplicate IDs in this file:

```
ID,Level,Major
152,FRESH,CPSCI
142,FRESH,CPSCI
121,SR,CPSCI
112,FRESH,CPSCI
126,JR,CPSCI
144,SR,CPSCI
195,FRESH,CPSCI
117,JR,CPSCI
186,JR,CPSCI
136,FRESH,CPSCI
```

Course enrollments.csv – This file includes the classes that the students in the students.csv file are taking this semester. The columns are ID, Course and Units:

```
ID,Course,Units
152,HCOM100,3
152,CPSC121A,2
152,CPSC121L,1
152,GEOL101,3
152,MATH125,5
142,ENGL101,3
142,POSC100,3
142,CHEM100,3
142,CHEM100L,1
142,GEOL101,3
142,GEOL101L,1
142,MATH150A,4
121,HCOM100,3
121,CPSC253,3
```

Please write a Python program to (using the given above 2 files) print the number of freshmen, sophomores, juniors and seniors to the output window:

```
================== RESTART
15 freshmen
14 sophomores
25 juniors
41 seniors
```

The program also has to create an output CSV file that includes the total number of units, as well as the total number of CPSC units (courses that start with 'CPSC') each student is taking. The ID field in this file is unique. 'Total Units' and 'CPSC Units' are the sum of all units and all the Computer Science classes units the student is taking, respectively. The output file is to have 3 columns: ID, Total Units and CPSC Units:

```
ID,Total Units,CPSC Units
152,14,3
142,18,0
121,18,12
112,13,3
126,13,9
144,16,6
195,13,3
117,14,6
186,3,3
136,15,3
179,12,3
```

Your output CSV file should include all 95 students. Please test your program before submitting and submit (submit only the program)