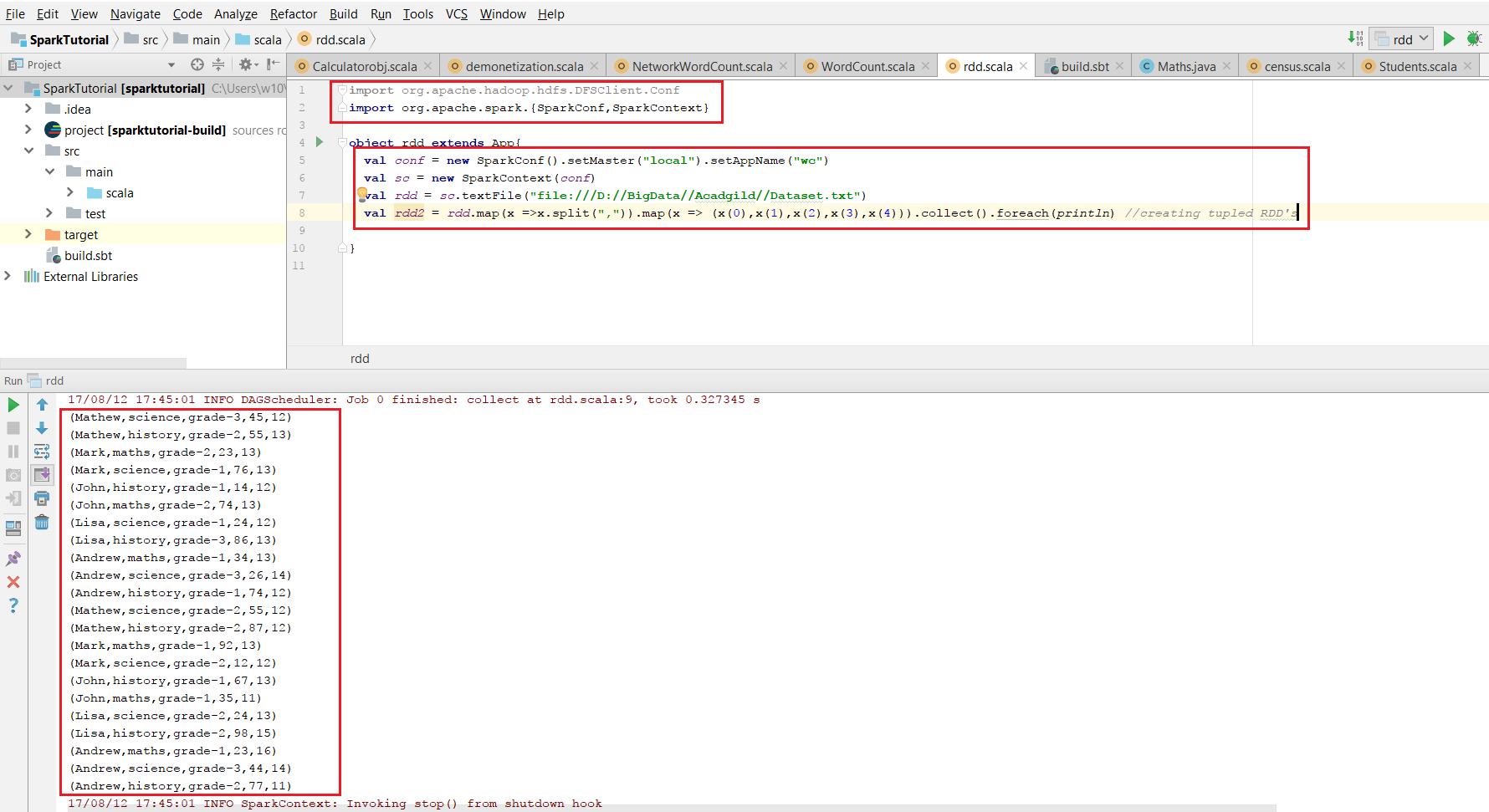
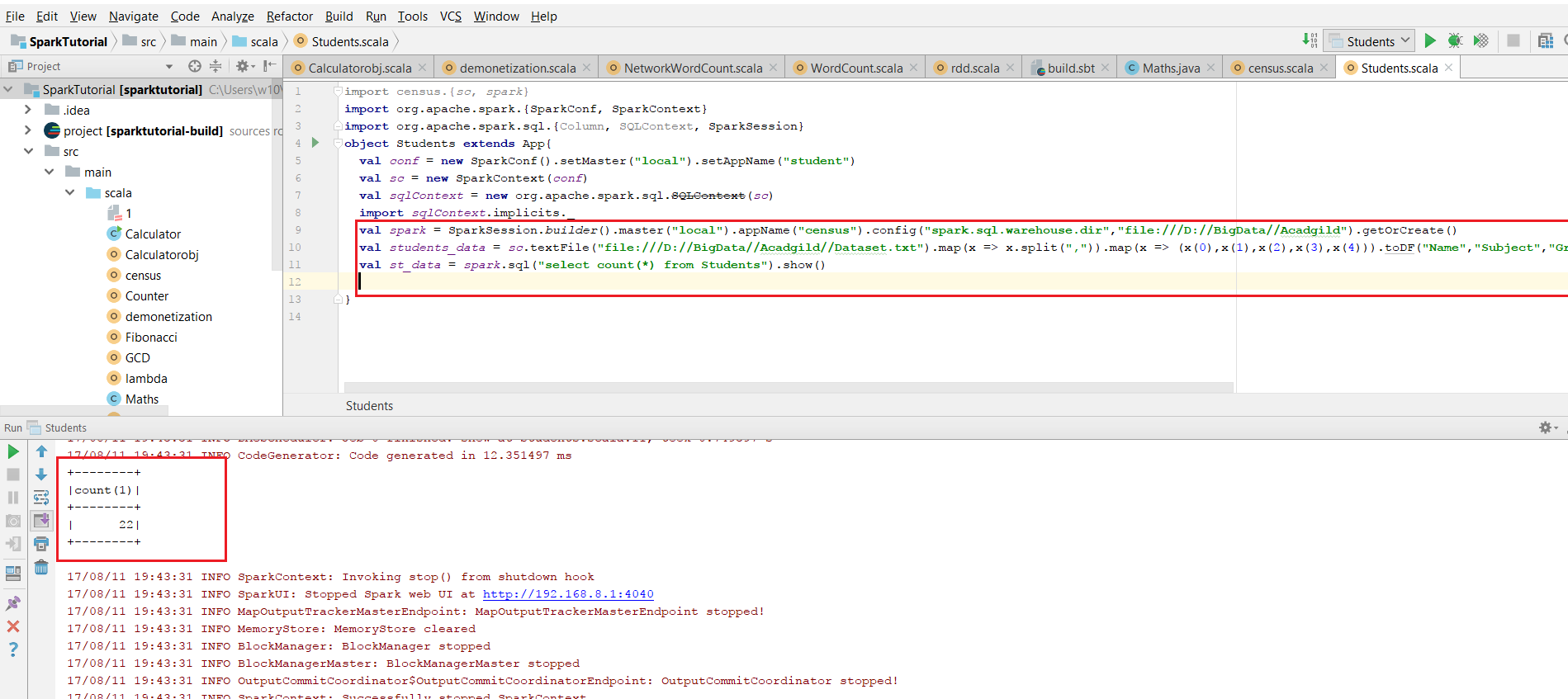
**Problem Statement 1:**

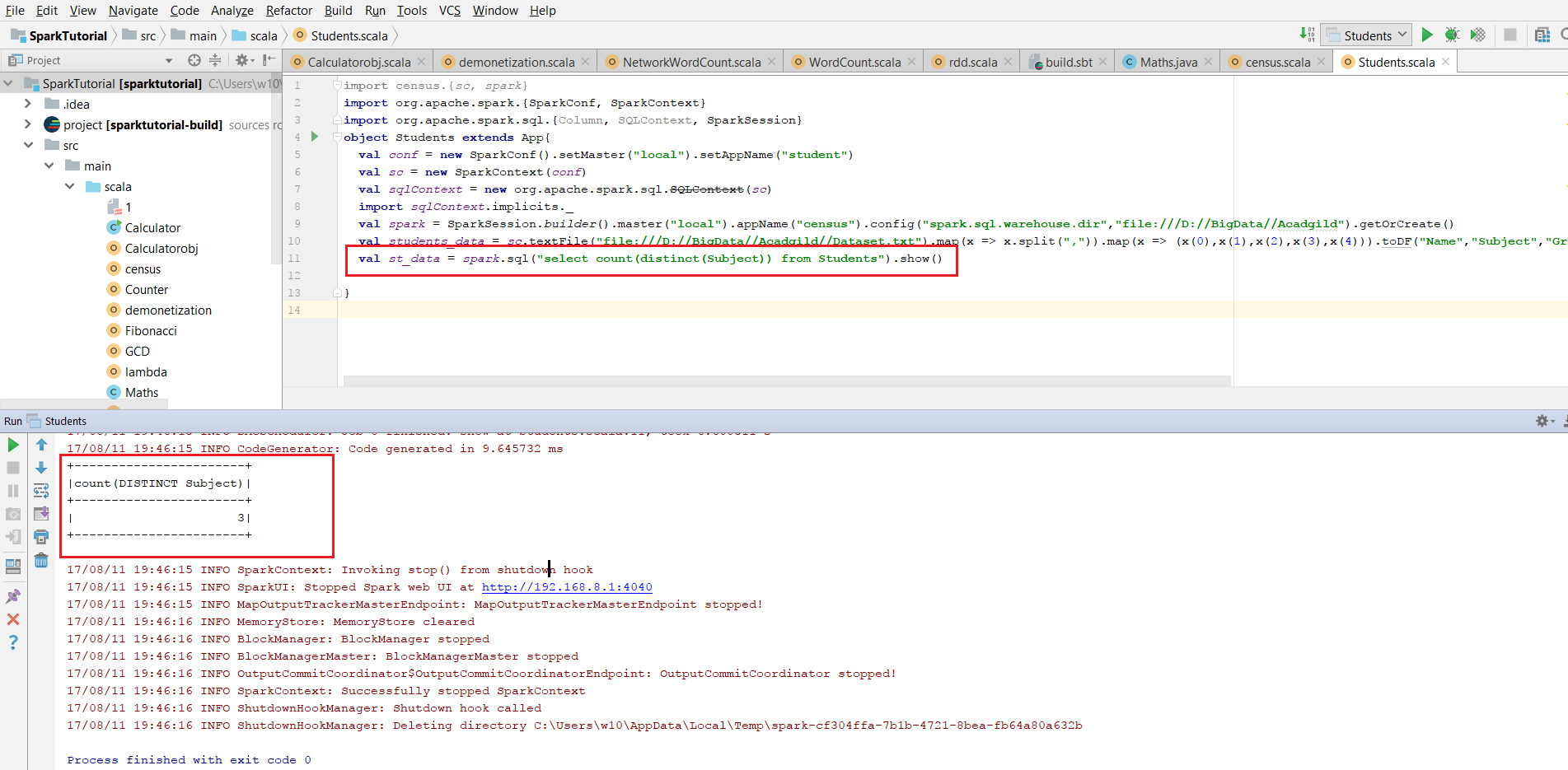
1. Read the text file, and create a tupled rdd.



2. Find the count of total number of rows present.

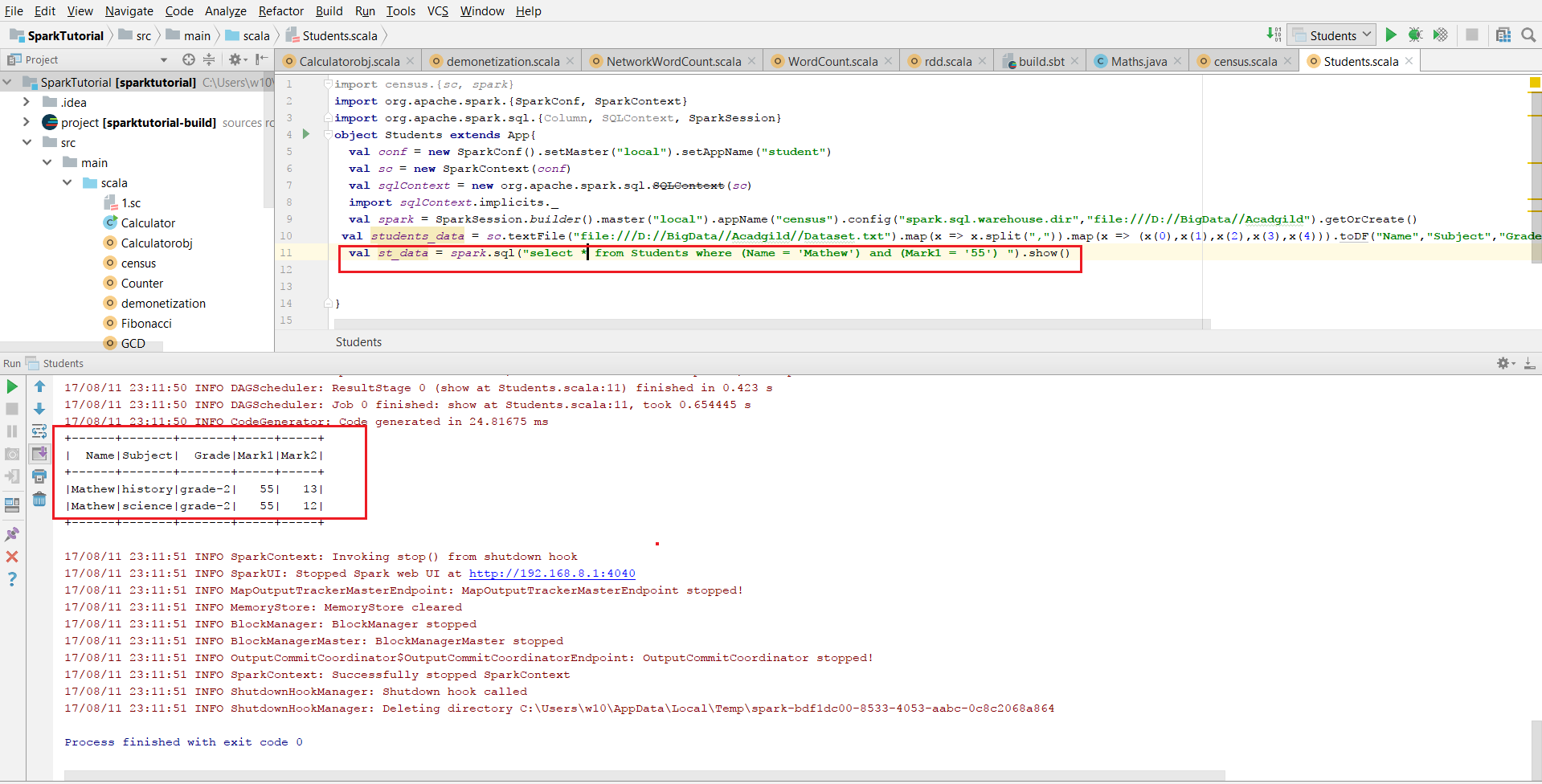


3. What is the distinct number of subjects present in the entire school

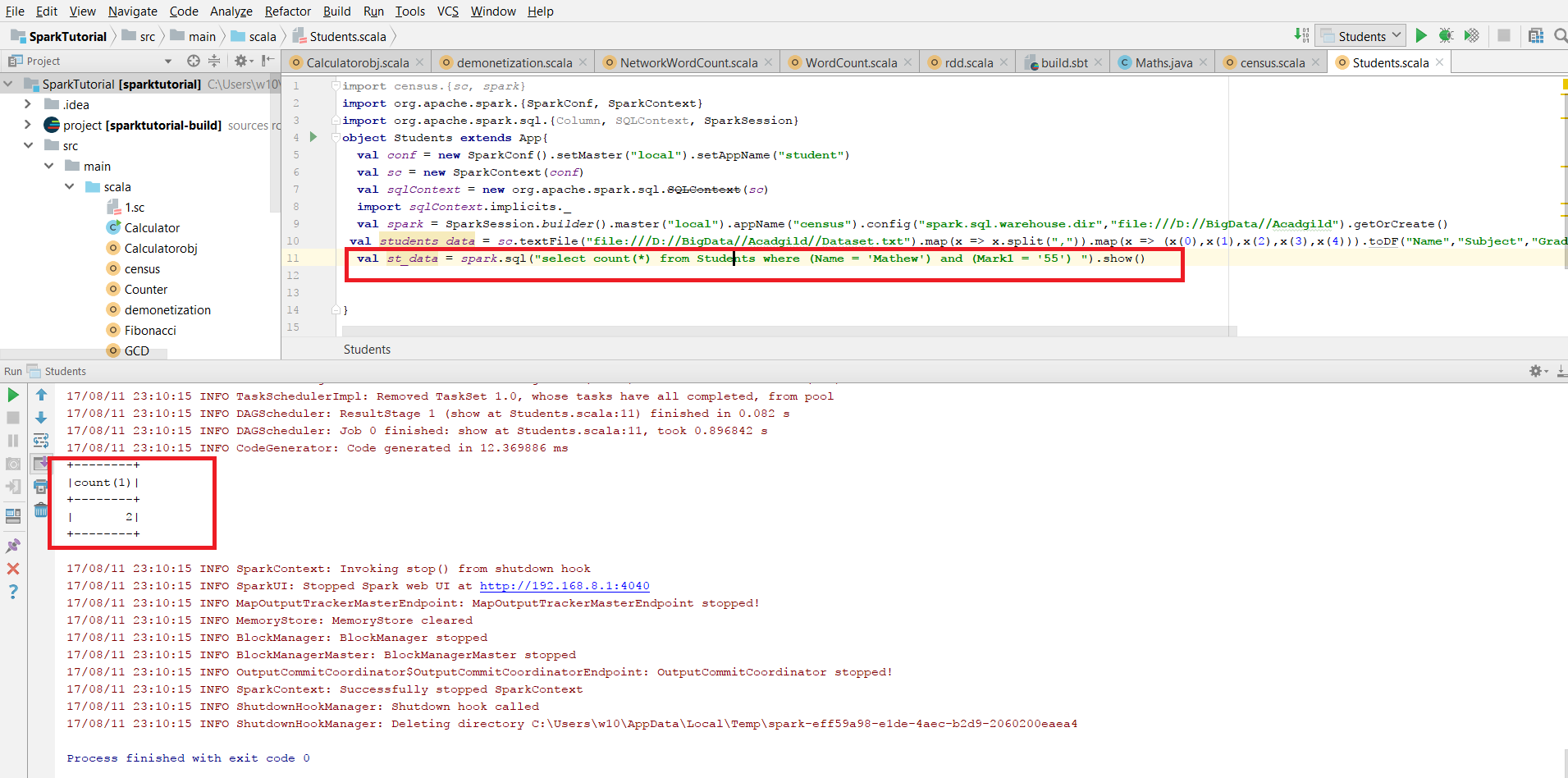


4. What is the count of the number of students in the school, whose name is Mathew and

marks is 55



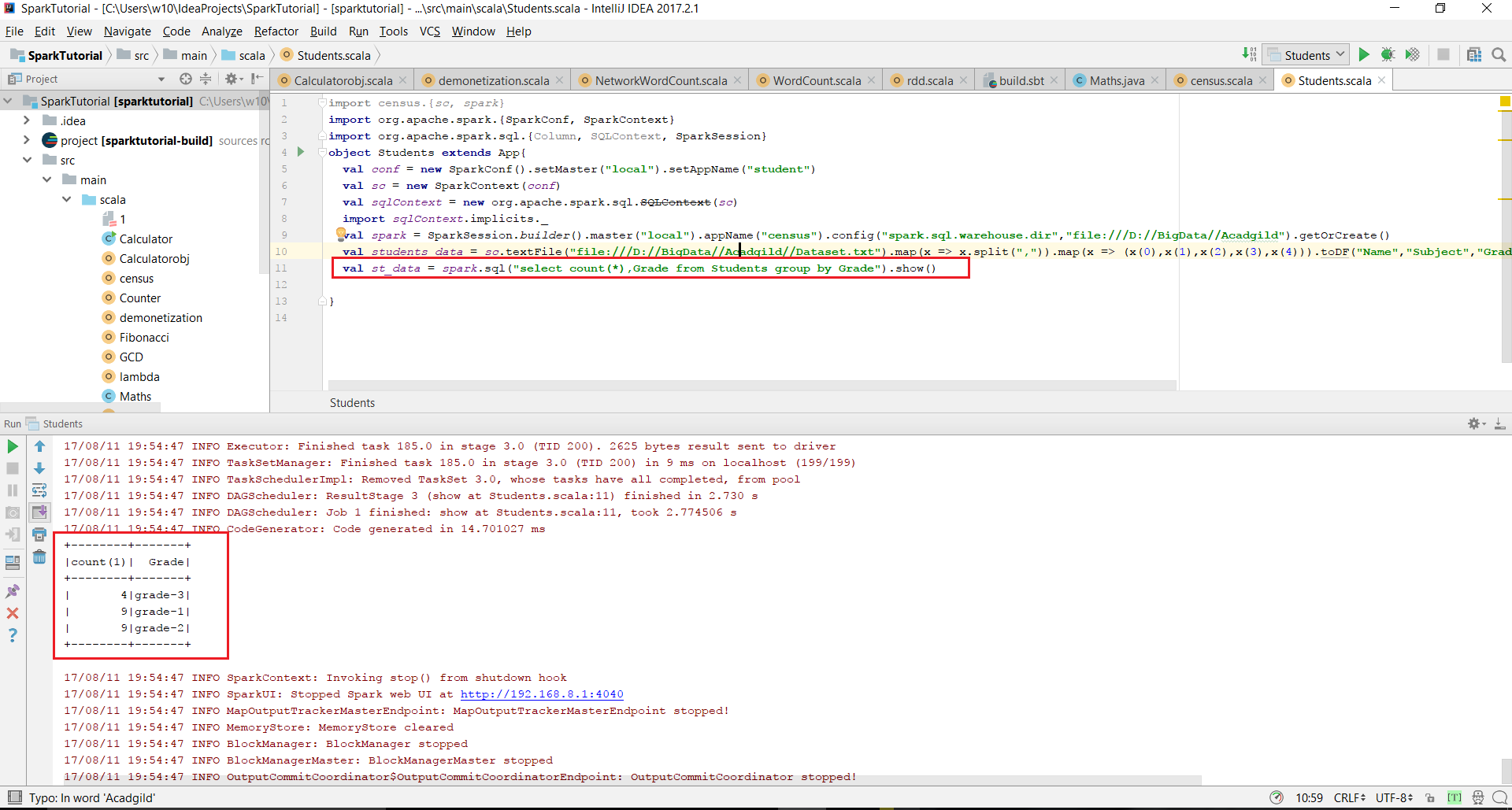
In the above screenshot we can see the students whose name is Mathew and their marks is 55.



In the above screenshot we can see the count of students who matched the above criteria.

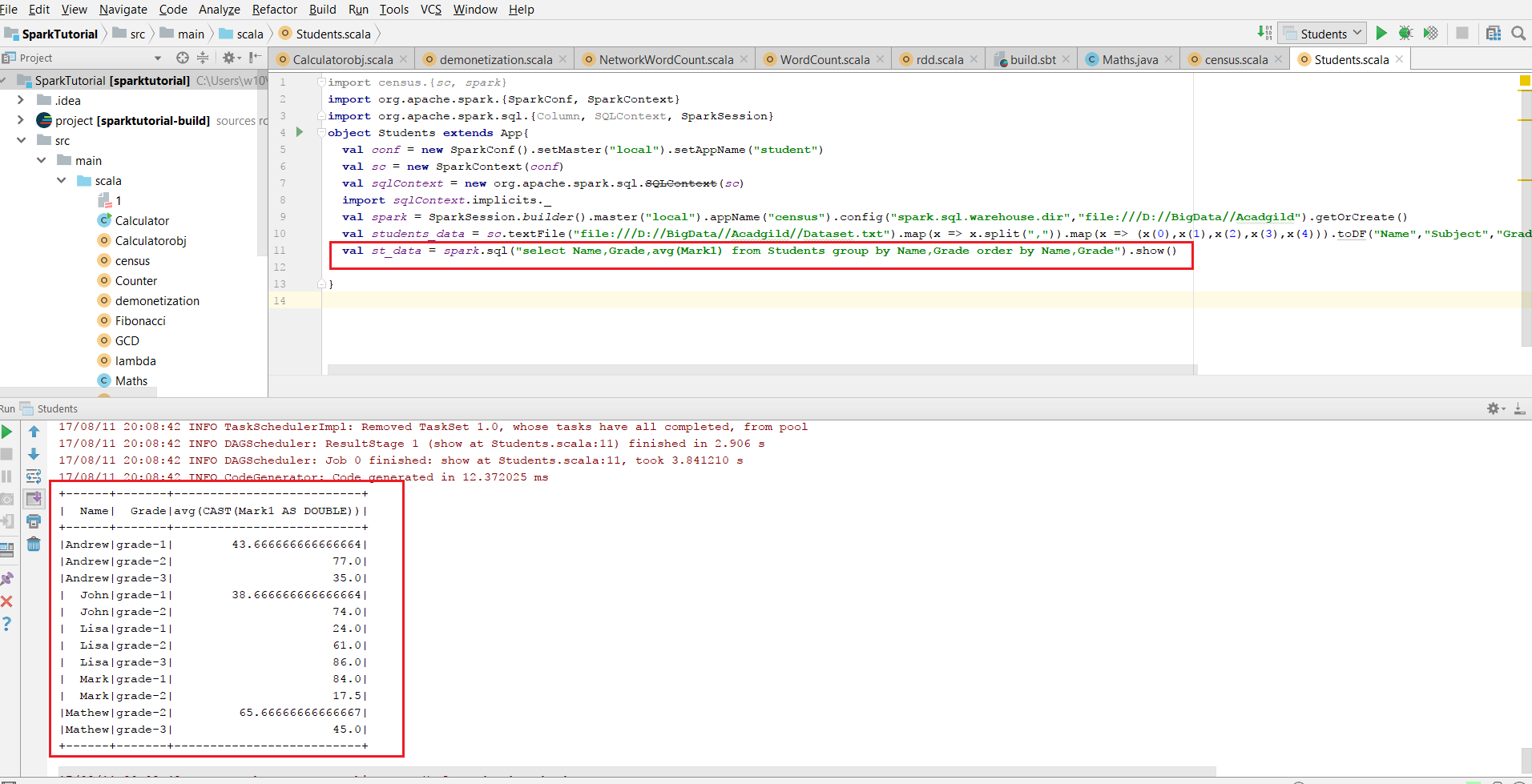
**Problem Statement 2:**

1. What is the count of students per grade in the school?

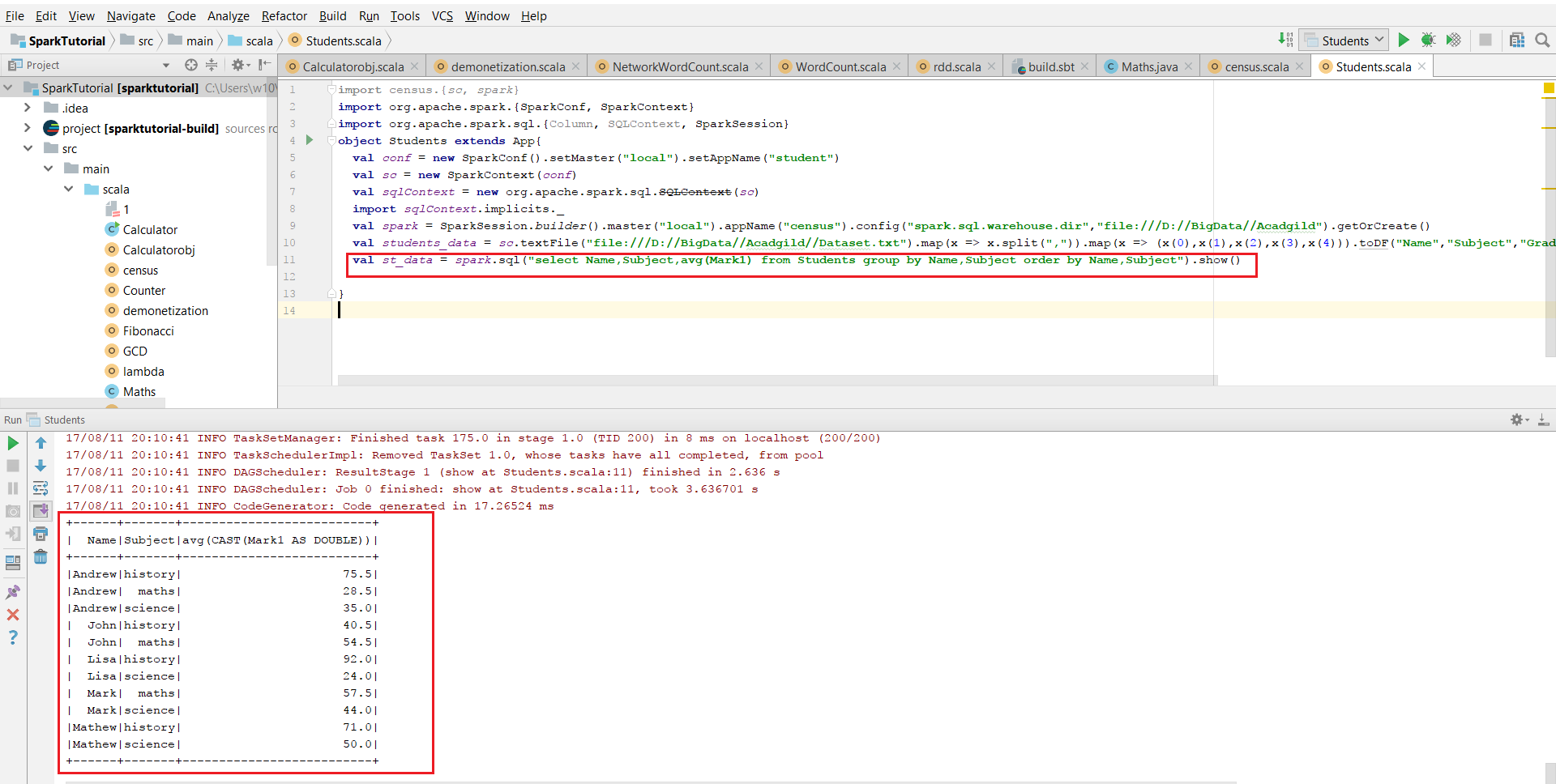


2. Find the average of each student (Note - Mathew is grade-1, is different from Mathew in

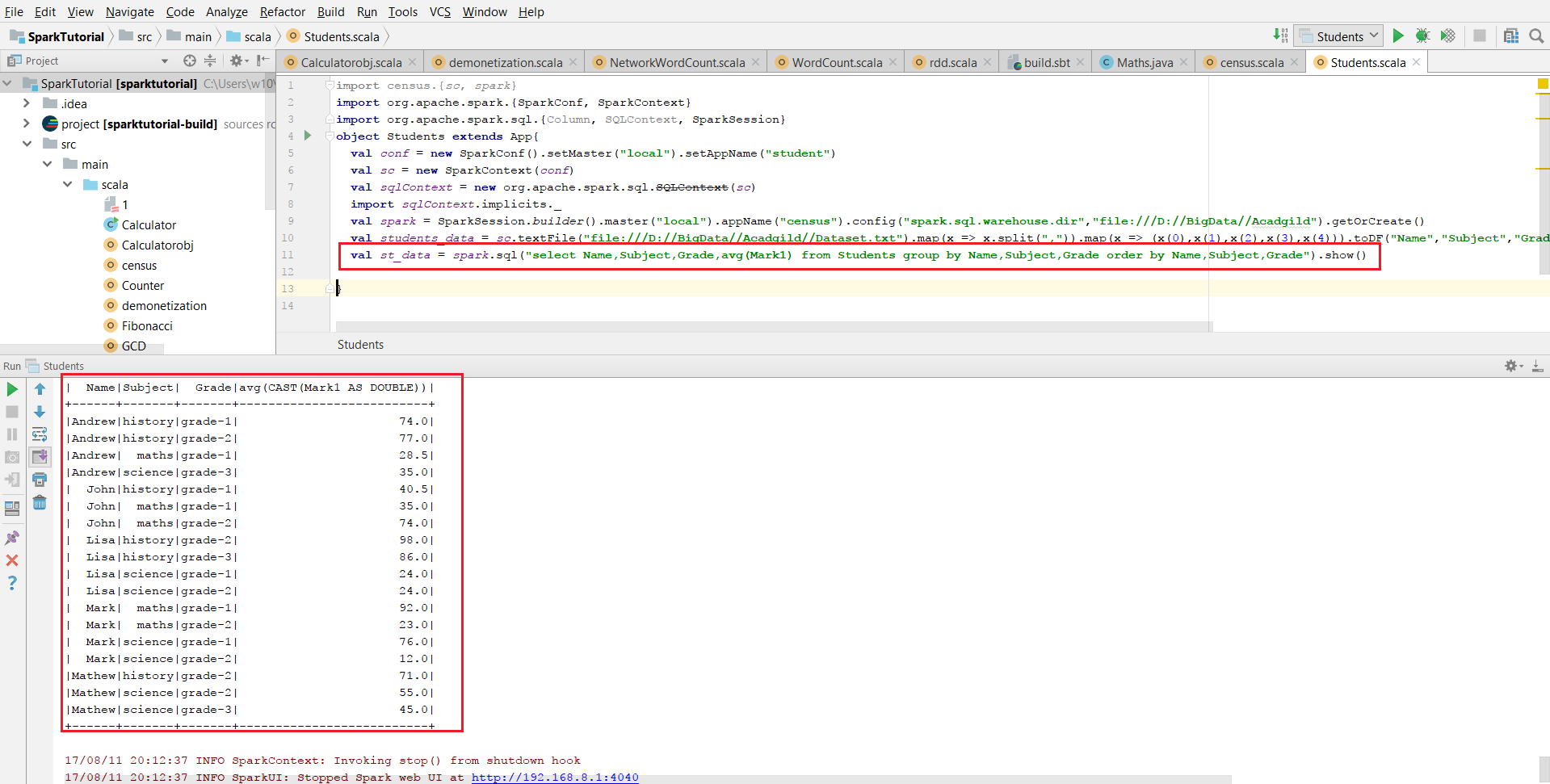
some other grade!)



3. What is the average score of students in each subject across all grades?

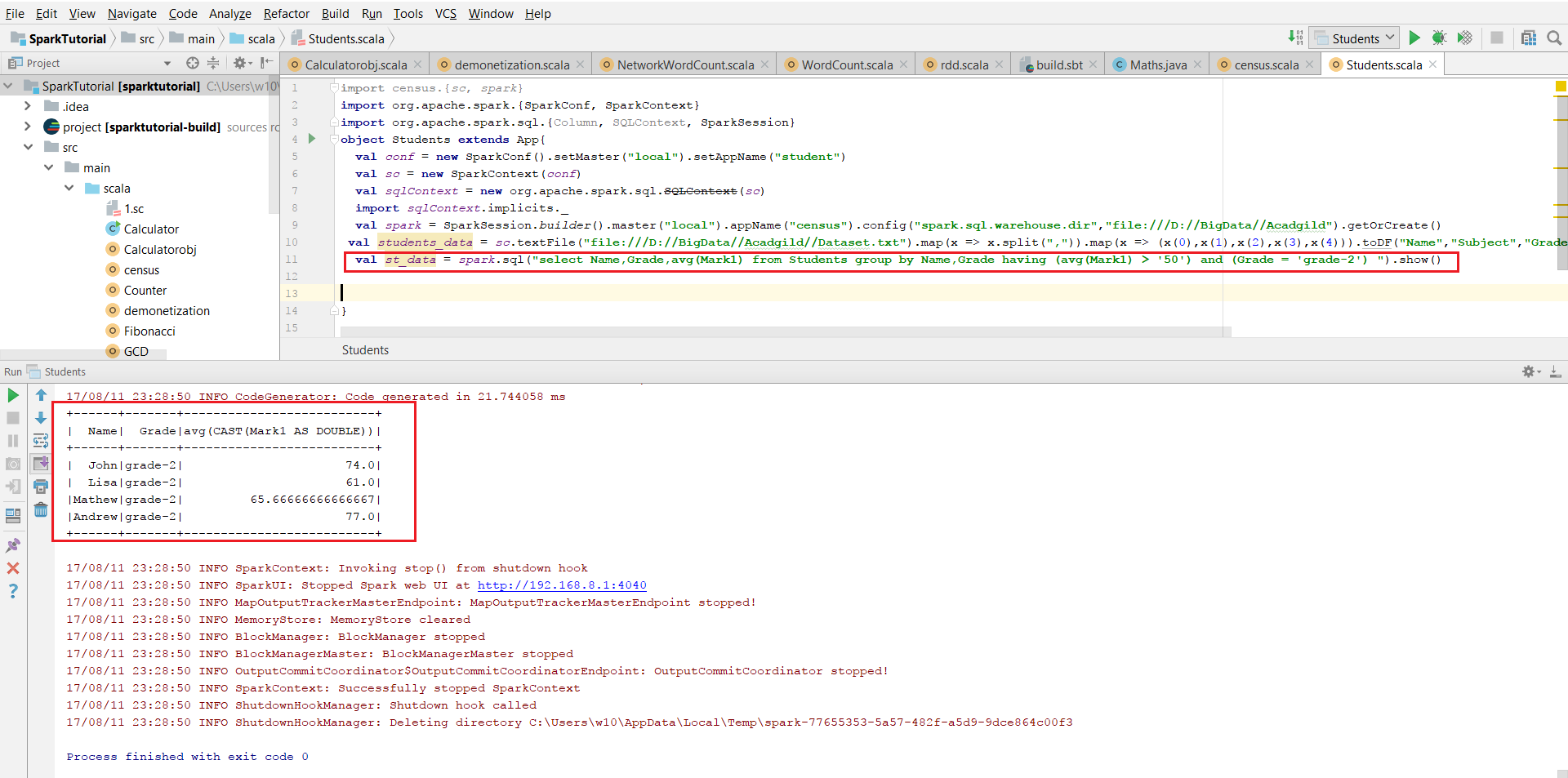


4. What is the average score of students in each subject per grade?

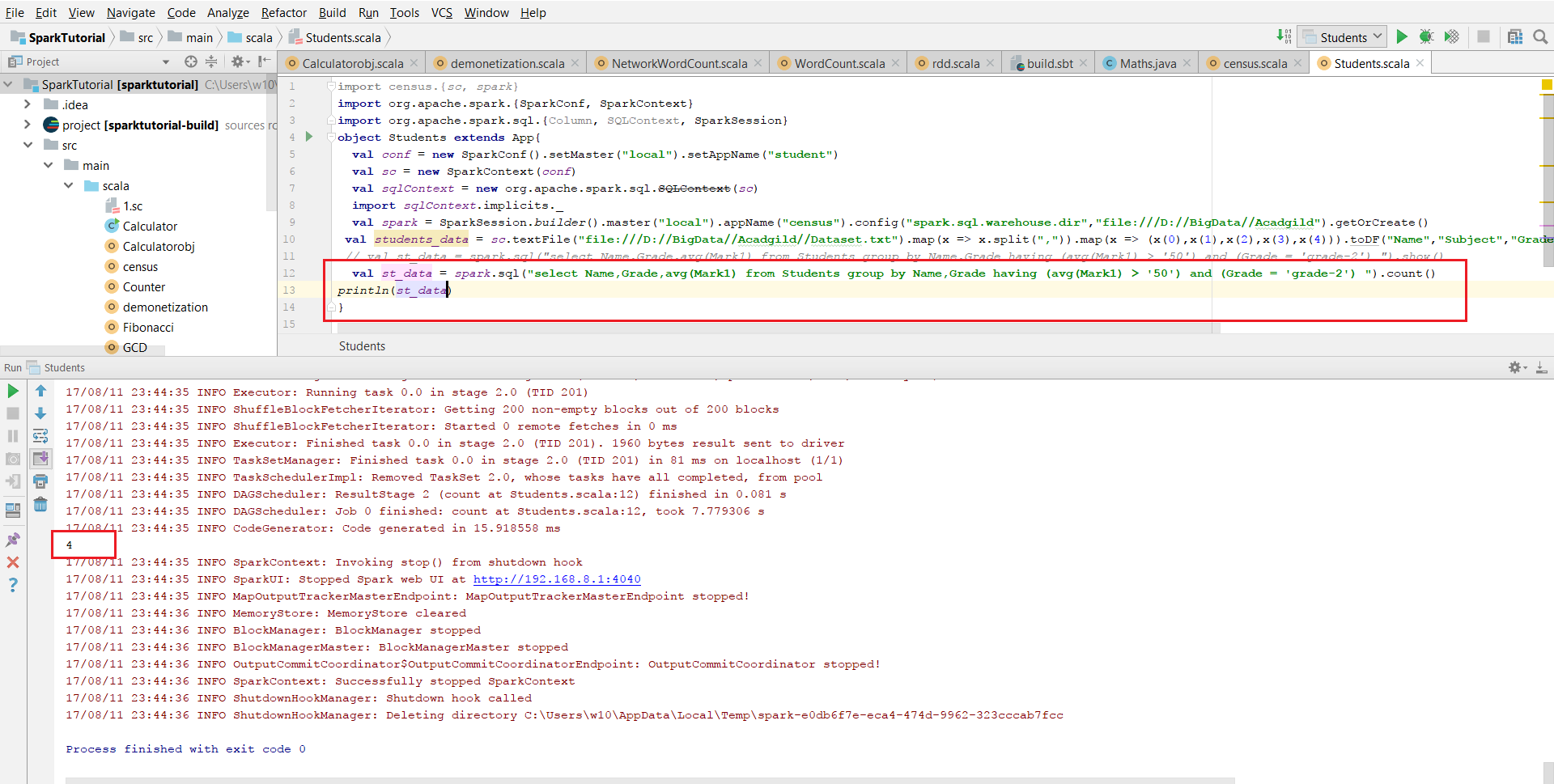


5. For all students in grade-2, how many have average score greater than 50?

Students who are in grade-2 and scored > 50



Count of the above condition:



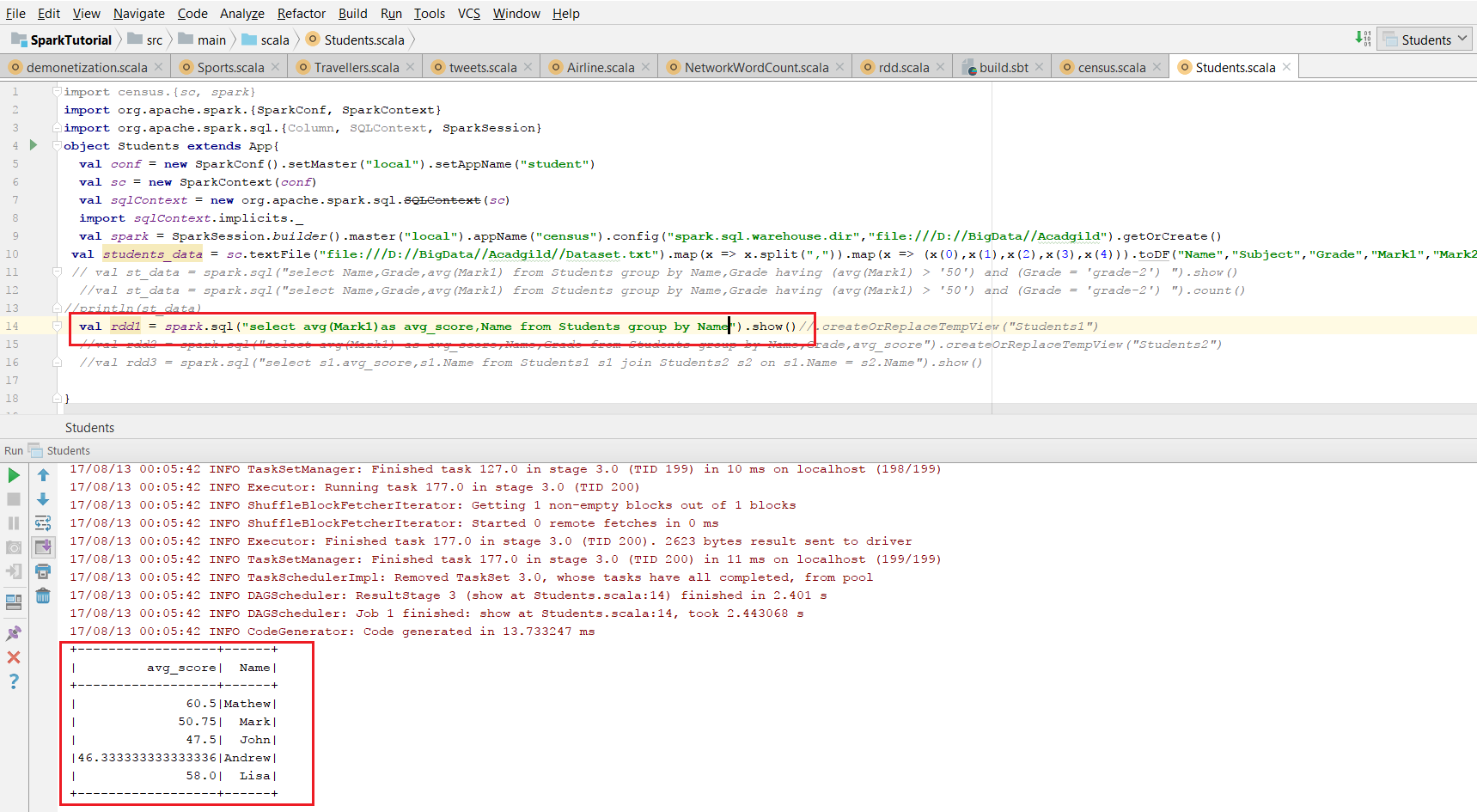
**Problem Statement 3:**

Are there any students in the college that satisfy the below criteria :

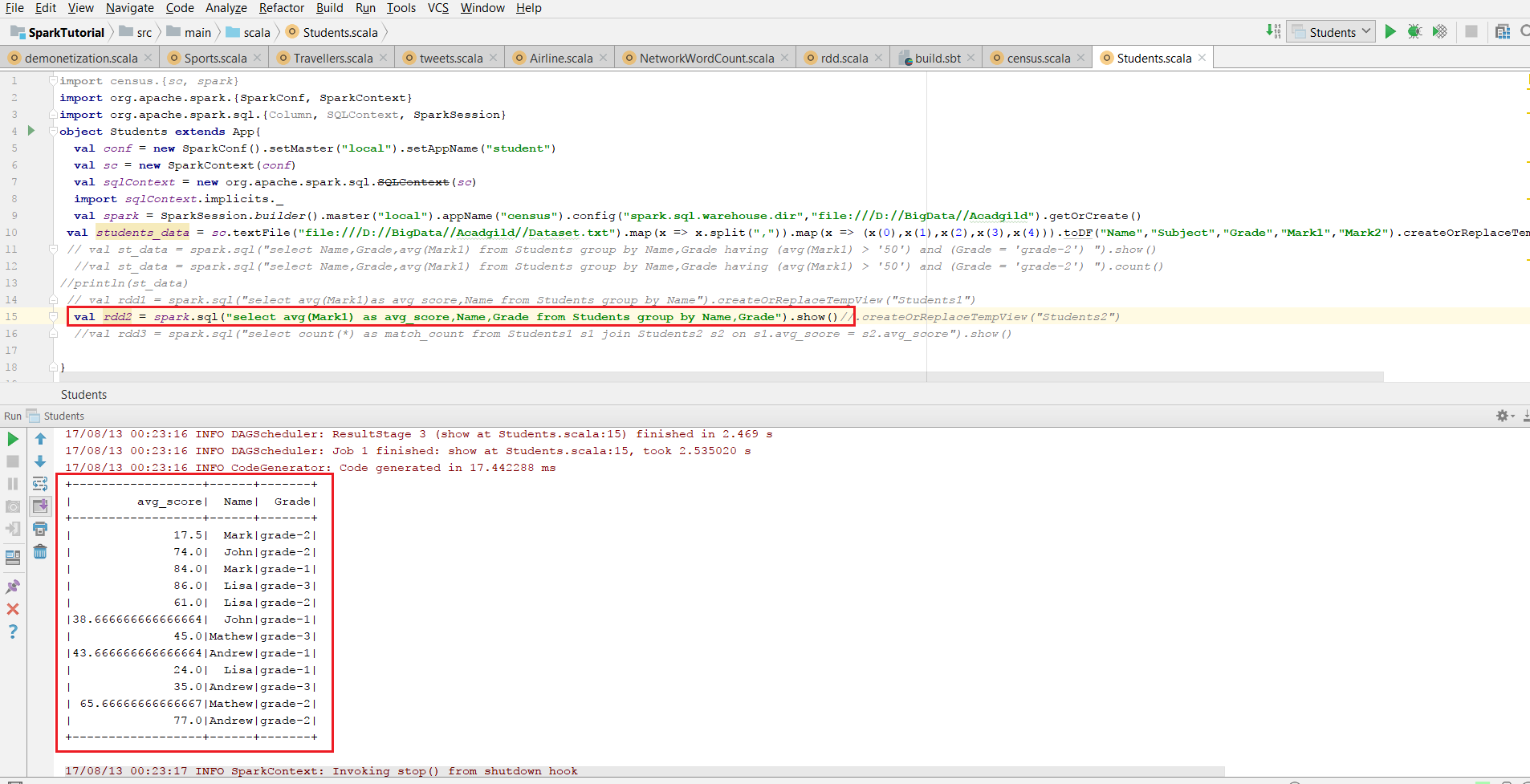
1. Average score per student\_name across all grades is same as average score per

student\_name per grade

Average score per student\_name across all grades



average score per student\_name per grade :



Count of students who matched the given criteria :

Average score per student\_name across all grades is same as average score per student\_name per grade.

