

Stream API Assignment:

Question 1:

Create a class of students with attributes RollNo, Name, marks (maximum marks 500)
In the main runner class make the list of students add student to it
Using java 8 functionality sort them according to their RollNo. and filter out the students getting marks below 250 out of 500. And display them.

Question 2:

Create a Student bean class with following fields:

- roll
- name
- marks

Create a Main class with a main method and perform the following task.

- create List of Student and add 5 student object in this List with all the details(roll,name,marks)
- from the above List of Student filter those student using stream api in a separate List whose marks in less than 800

Question 3:

Create a Student bean class with following fields:

- roll
- name
- marks

create a Employee bean class with following fields:

- empld;
- empName;
- salary;

create a Main class with main method and perform the following task:

- create List of Student and add 5 student object in this List with all the details(roll,name,marks)
- With the help of stream, map each Student object to the Employee object
- roll should become empld, and marks*1000 should become the salary of the Employee and get a List of Employee from the List of Students.