

Java introduction to stream API

Introductory assignment

1. Read the Stream API documentation [here](#)

Programming assignment

Write an Employee class that:

1. Encapsulate an employee *id*(of type int), *salary*(of type double) and *division*(of type String)
2. Class should provide getters for all fields

Write Manager class that:

1. Create a collection (ArrayList) of 10 employees from divisions: "Risk Department", "Scoring Department", and "Credit Department". Each employee should have different *id* and *salary*.
2. Using streams:
 1. print divisions (all, with repetition)
 2. Count number of employees in "Risk Department" (use filter with custom predicator)
 3. Print average and sum salary
 4. Group (to map container) employees by division

These three classes should be in one package.

Each java classes should be in their own java file.