/ JAVA DB SCHOOL
Generics, Collections

/ Practice, practice, practice

Students Map with TreeSets

Define a *Student* class containing a `name` and `grade` property. Requirements:
- Create a constructor that receives the name and the grade of a student

- Implement method `public double getGrade()`

- Define a Map that hold keys from 0 to 10, corresponding to a rounded grade

- Each value stored in a key of a map will hold a TreeSet of Students, allowing storing them in descending order by grade. E.g.: for key 8 in the Map, values of the corresponding TreeSet could be `[Ionel: 8.49, Vasile: 7.50]`

- Test the class in a main method

MyList of Generics

- Define a class named `MyList`, which holds a list of elements using an array of elements of type `T`

- Define the following methods:
```
public MyList(dimension)
public void add(T element)
public void print()
public boolean lookup(T element)
```

- Test the class in a main method

/ Q&A