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Online Java Compiler.

Code, Compile, Run and Debug java program online.

Write your code in this editor and press "Run" button to execute it.

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import java.util.\*;

class StudentM {

int rollno;

String name;

public StudentM(int r,String n){

rollno=r;

name=n;

}

public String toString(){

return this.rollno+" "+this.name;

}

}

class SortByRoll implements Comparator<StudentM>{

public int compare(StudentM s1,StudentM s2){

return s1.rollno-s2.rollno;

}

}

class SortByName implements Comparator<StudentM>{

public int compare(StudentM s1,StudentM s2){

return s1.name.compareTo(s2.name);

}

}

public class Main

{

public static void main(String[] args) {

ArrayList<StudentM> ar = new ArrayList<StudentM>();

// Adding entries in above List

// using add() method

ar.add(new StudentM(111, "Mayank"));

ar.add(new StudentM(131, "Anshul"));

ar.add(new StudentM(121, "Solanki"));

ar.add(new StudentM(101, "Aggarwal"));

System.out.println("ORIGINAL LIST\n");

for(StudentM s :ar){

System.out.print(s.toString()+"\n");

}

Collections.sort(ar,new SortByName());

System.out.println("LIST ORDERED BY NAME\n");

for(StudentM s :ar){

System.out.print(s.toString()+"\n");

}

Collections.sort(ar,new SortByRoll());

System.out.println("LIST ORDERED BY ROLLNO\n");

for(StudentM s :ar){

System.out.print(s.toString()+"\n");

}

}

}