/\*\*  
 \* Created by Bertram on 05-12-2016.  
 \*/  
import java.text.SimpleDateFormat;  
import java.util.\*;  
public class GenerateRecords {  
 public static void main(String[] args) throws Exception {  
 Engine e = new Engine();  
 e.loadData();  
 ArrayList<CompetitiveMember> cmlist = new ArrayList<>();  
 for (Member m : e.getMembers()) {  
 if (m.getIsCompetitive()) {  
 cmlist.add(e.castCompetitiveMember(m));  
 }  
 }  
 Date date = new Date();  
 SimpleDateFormat dateFormat = new SimpleDateFormat("dd-M-yyyy");  
 String dateStr = dateFormat.format(date);  
 int id = e.generateNextId(e.getRecords().get(e.getRecords().size()-1).toString());  
 Random rng = new Random();  
 for (CompetitiveMember cm : cmlist) {  
 ArrayList<Discipline> disciplines = cm.getDisciplines();  
 for (Discipline discipline : disciplines) {  
 int disciplineId = discipline.getId();  
 double time = 0;  
 int rangeMin = 0;  
 int rangeMax = 0;  
 switch (disciplineId) {  
 case 0:  
 rangeMin = 35;  
 rangeMax = 55;  
 break;  
 case 1:  
 rangeMin = 25;  
 rangeMax = 40;  
 break;  
 case 2:  
 rangeMin = 50;  
 rangeMax = 60;  
 break;  
 case 3:  
 rangeMax = 40;  
 rangeMin = 55;  
 break;  
 case 4:  
 rangeMin = 100;  
 rangeMax = 200;  
 }  
 time = rangeMin + (rng.nextDouble() \* (rangeMax - rangeMin));  
 Record r = new Record(id, cm, discipline, time, dateStr, false);  
 id++;  
 e.getRecords().add(r);  
 e.saveRecords();  
 System.out.println(r);  
 }  
 }  
 }  
}