//Bertram  
import java.util.\*;  
public class CompetitiveMember extends Member {  
 //fields  
 private Team team;  
 private ArrayList<Discipline> disciplines;  
  
 //constructor  
 public CompetitiveMember(String cpr, String firstName, String lastName, String phone, String address, boolean isActive, boolean isCompetitive, double balance, ArrayList<Subscription> subscriptions, ArrayList<Team> teams, ArrayList<Discipline> disciplines) throws Exception {  
 super(cpr, firstName, lastName, phone, address, isActive, isCompetitive, balance, subscriptions);  
 team = teams.get(findTeamId());  
 this.disciplines = disciplines;  
 }  
  
 //getters  
 public Team getTeam() {  
 return team;  
 }  
 public ArrayList<Discipline> getDisciplines() {  
 return disciplines;  
 }  
  
 //setters  
 public void setTeam(Team team) {  
 this.team = team;  
 }  
 public void setDisciplines(ArrayList<Discipline> disciplines) {  
 this.disciplines = disciplines;  
 }  
 @Override  
 public String toString() {  
 String disciplineNumberStr = "";  
 for (Discipline d : disciplines) {  
 disciplineNumberStr += d.getId();  
 }  
 return super.toString() + "#" + disciplineNumberStr;  
 }  
   
 public int findTeamId() throws Exception {  
 String gender = getGender();  
 int age = getAge();  
 if (gender.equals("Male")) {  
 if (age < 18)  
 return 0;  
 else  
 return 1;  
 } else {  
 if (age < 18)  
 return 2;  
 }  
 return 3;  
 }  
}