Assignment #18

# Innings-Delivery

Create a class named **Innings** with the following private member variables / attributes.

* Long inningsNumber;
* String battingTeam;

Include appropriate getters, setters and constructors.   
  
Create a class named InningsBO and include the following methods

|  |  |  |
| --- | --- | --- |
| No | Method Name | Method Description |
| 1 | Innings createInnings (String data) | In this method, parse the string data using split method defined in the String class and and construct a innings object. |

Create a class named **Delivery** with the following private member variables / attributes.

* Long deliveryNumber
* String batsman;
* String bowler;
* Long runs;
* Long inningsNumber;
* Innings innings

Create a class named **DeliveryBO** and include the following methods

|  |  |  |
| --- | --- | --- |
| No | Method Name | Method Description |
| 1 | public Delivery createDelivery(String data, Innings [] inningsList) | In this method, parse the string data using split method defined in the String class and and construct a delivery object. Iterate through the InningsList and get the Innings object reference. |
| 2 | public String findInningsNumber(Innings [] inningsList, long deliveryNumber) | In this method, find the innings to which a particular delivery belongs to. |

Create a Main class to test the above 4 classes. In the main method, create an array of Innings instances / objects and an array of delivery instances / objects. Invoke the various methods in the BO class and test them.   
**Input and Output Format:**   
Refer sample input and output for formatting specifications.   
All text in bold corresponds to input and the rest corresponds to output.   
  
**Sample Input/Output:**Enter the number of innings   
**2**Enter innings 1 details   
**1,CSK**Enter innings 2 details   
**2,RCB**Enter the number of deliveries   
**3**Enter innings 1 details   
**1,Dhoni,Gayle,6,1**Enter innings 2 details   
**3,Raina,Watson,2,1**Enter innings 3 details   
**121,Kohli,Ashwin,4,2**Enter the delivery number for which you need to find the innings number   
**121**Innings : 2