

# 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