**Delivery Details**

**[Note :  
Strictly adhere to the object oriented specifications given as a part of the problem statement.  
Use the same class names and member variable names.  
Follow the naming conventions mentioned for getters / setters.  
Create 3 separate classes in 3 separate files.  
Don't create the classes within namespaces]**

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

* long \_over
* long \_ball
* long \_runs
* string \_nonStriker;
* string \_batsman
* string \_bowler

Include appropriate getters, setters and constructors.

Override the ToString() method to display All Delivery details.

Create a class named DeliveryBO and include the following methods

|  |  |  |
| --- | --- | --- |
| No | Method Name | Method Description |
| 1 | void DisplayAllDeliveryDetails(List<Delivery> deliveryList) | In this method, display all Delivery details |
| 2 | void DisplayBatsmanBowlerDetails(List<Delivery> deliveryList, long ball,long over) | In this method, display batsman and bowler details who bowled and faced the ball number got from the user. Refer sample output. |
| 3 | void DisplayMaximumRunDetails(List<Delivery> deliveryList) | In this method, display maximum runs taken and its over number and ball number details.Refer sample output. |

Create another class and write a main method to test the above classes.Use switch to drive methods.

**Input and Output Format:**

 Refer sample input and output for formatting specifications.

Use array of objects to read delivery details  
  
  
Note : The statement "**Delivery Details**" in the output is displayed in the method inside the BO class.

All text in bold corresponds to input and the rest corresponds to output.

**Sample Input and Output 1:**  
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Enter the number of deliveries  
**4**  
Enter the over  
**1**  
Enter the ball  
**1**  
Enter the runs  
**4**  
Enter the batsman name  
**MS Dhoni**  
Enter the bowler name  
**Dwane Bravo**  
Enter the nonStriker name  
**Gayle**  
Enter the over  
**2**  
Enter the ball  
**1**  
Enter the runs  
**2**  
Enter the batsman name  
**Ashwin**  
Enter the bowler name  
**DJ Bravo**  
Enter the nonStriker name  
**Watson**  
Enter the over  
**3**  
Enter the ball  
**3**  
Enter the runs  
**6**  
Enter the batsman name  
**Murali vijay**  
Enter the bowler name  
**Dwane Bravo**  
Enter the nonStriker name  
**Gayle**  
Enter the over  
**5**  
Enter the ball  
**4**  
Enter the runs  
**4**  
Enter the batsman name  
**Kohli**  
Enter the bowler name  
**DJ Bravo**  
Enter the nonStriker name  
**Watson**  
Enter your choice  
1.View delivery details  
2.Batsman and Bowler  
3.Maximum runs  
**1**  
Delivery Details  
Over                 Ball                 Runs                 Batsman              Bowler                        NonStriker  
1                         1                   4                       MS Dhoni              Dwane Bravo          Gayle  
2                       1                   2                       Ashwin                   DJ Bravo                   Watson  
3                         3                  6                       Murali vijay           Dwane Bravo          Gayle  
5                          4                  4                       Kohli                         DJ Bravo                   Watson  
  
  
**Sample Input and Output 2:**  
  
Enter the number of deliveries  
**4**  
Enter the over  
**1**  
Enter the ball  
**1**  
Enter the runs  
**4**  
Enter the batsman name  
**MS Dhoni**  
Enter the bowler name  
**Dwane Bravo**  
Enter the nonStriker name  
**Gayle**  
Enter the over  
**2**  
Enter the ball  
**1**  
Enter the runs  
**2**  
Enter the batsman name  
**Ashwin**  
Enter the bowler name  
**DJ Bravo**  
Enter the nonStriker name  
**Watson**  
Enter the over  
**3**  
Enter the ball  
**3**  
Enter the runs  
**6**  
Enter the batsman name  
**Murali vijay**  
Enter the bowler name  
**Dwane Bravo**  
Enter the nonStriker name  
**Gayle**  
Enter the over  
**5**  
Enter the ball  
**4**  
Enter the runs  
**4**  
Enter the batsman name  
**Kohli**  
Enter the bowler name  
**DJ Bravo**  
Enter the nonStriker name  
**Watson**  
Enter your choice  
1.View delivery details  
2.Batsman and Bowler  
3.Maximum runs  
**2**  
Enter the over for which batsman and bowler to be known  
**4**  
Enter the ball for which batsman and bowler to be known  
**4**  
Batsman : Kohli  
Bowler :DJ Bravo  
  
**Sample Input and Output 3:**  
Enter the number of deliveries  
**4**  
Enter the over  
**1**  
Enter the ball  
**1**  
Enter the runs  
**4**  
Enter the batsman name  
**MS Dhoni**  
Enter the bowler name  
**Dwane Bravo**  
Enter the nonStriker name  
**Gayle**  
Enter the over  
**2**  
Enter the ball  
**1**  
Enter the runs  
**2**  
Enter the batsman name  
**Ashwin**  
Enter the bowler name  
**DJ Bravo**  
Enter the nonStriker name  
**Watson**  
Enter the over  
**3**  
Enter the ball  
**3**  
Enter the runs  
**6**  
Enter the batsman name  
**Murali vijay**  
Enter the bowler name  
**Dwane Bravo**  
Enter the nonStriker name  
**Gayle**  
Enter the over  
**5**  
Enter the ball  
**4**  
Enter the runs  
**4**  
Enter the batsman name  
**Kohli**  
Enter the bowler name  
**DJ Bravo**  
Enter the nonStriker name  
**Watson**  
Enter your choice  
1.View delivery details  
2.Batsman and Bowler  
3.Maximum runs  
**3**  
Maximum Runs : 6  
Over : 3  
Ball : 3