Assignment #28

# Exception Handling -3 (NullPointerException)

Create a class named **Player** with following private attributes

* String name
* String country
* String skill

Generate appropriate constructors  and getter ,setters.

Create a class named **PlayerBO**

Include a method named **displayPlayerDetails** to display the details. The return type of the method is void

Create a Main class to test the above class.

This program may generate **NullPointerException** when the user invokes a method with argument having null value. Use exception handling mechanisms to handle this exception. Use a single catch block. In the catch block, print the class name of the exception thrown.

Note:NullPointer Exception occurs when the displayPlayerDetails() method is invoked with captain **details as null**

**Input and Output Format:**

* Refer sample input and output for formatting specifications.
* Read the player details as array of objects
* All text in bold corresponds to input and the rest corresponds to output.

**Sample Input and Output 1:**

Enter the number of players

**2**

Do you know the details of the captain? Type Yes / No

**Yes**

Enter name of the captain

**Ms Dhoni**

Enter country of the captain

**India**

Enter skillset of the captain

**All Rounder**

Enter name of player 1

**Virat Kohli**

Enter country of player 1

**India**

Enter skillset of player 1

**Batsman**

Enter name of player 2

**Ashwin**

Enter country of player 2

**India**

Enter skillset of player 2

**Bowler**

Ms Dhoni, India, All Rounder

Player Details

Virat Kohli, India, Batsman

Ashwin, India, Bowler

**Sample Input and Output 2:**

Enter the number of players

**3**

Do you know the details of the captain? Type Yes / No

**No**

Enter name of player 1

**Afiridi**

Enter country of player 1

**Pakistan**

Enter skillset of player 1

**Bowler**

Enter name of player 2

**Sachin**

Enter country of player 2

**India**

Enter skillset of player 2

**Batsman**

Enter name of player 3

**Yuvaraj Singh**

Enter country of player 3

**India**

Enter skillset of player 3

**All Rounder**

Exception Occured : java.lang.NullPointerException

Captain details not available

Player Details

Afiridi, Pakistan, Bowler

Sachin, India, Batsman

 Yuvaraj Singh, India, All Rounder