

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:NullPointerException 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