Activity for Set Interface

1. **HashSet**

Display the count of players who have won the Player of the match title. The statistics should count only distinct players.

Write a program to get the number of matches ‘n’ and the players who have won the player of the match title in those ‘n’ matches in a list. Store them in a set and display the number of distinct players who have won the title.

**Note**: Use HashSet

**Input  Format:**

First line of the input corresponds the value of n, number of matches.

Next n+1 lines corresponds to the player names who have won player of the match title for those ‘n’ matches.

**Output Format:**

Output should display the count of distinct players who have won the title.

Refer sample input and output for formatting specifications.

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

**Sample Input and Output:**

**5**

**Virat Kohli**

**MS Dhoni**

**Rohit Sharma**

**Virat Kohli**

**Gautam Gambir**

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1. **Player of the Match**

Display name of the players who have won the Player of the match title. The statistics should contain only distinct players in sorted order.   
    
Write a program to get the number of matches ‘n’ and the players who have won the player of the match title in those ‘n’ matches in a list. Store them in a set and display the name of distinct players who have won the title in a sorted order.   
Note: Use TreeSet   
**Input  Format:​**   
First line of the input corresponds the value of n, number of matches.​   
Next n+1 lines corresponds to the player names who have won player of the match title for those ‘n’ matches.   
**Output Format:**   
Output should display the name of distinct players who have won the title in sorted order.   
Refer sample input and output for formatting specifications.​   
​   
**Sample Input :​**   
5   
Virat Kohli   
MS Dhoni   
Rohit Sharma   
Virat Kohli   
Gautam Gambir   
**Sample Output :**   
Gautam Gambir   
MS Dhoni   
Rohit Sharma   
Virat Kohli