

Create package com.

Create a class Player with below attributes:

String - name

int - matchesPlayed

int - totalRuns

String - team

Make all the attributes private. Create corresponding getters and setters.

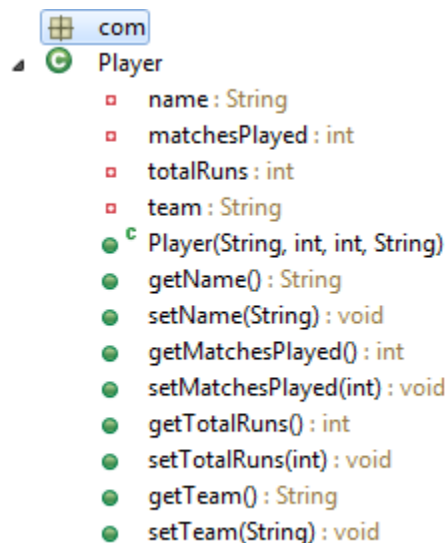
Create a constructor which takes all parameters in the above sequence. The constructor should set the value of attributes to parameter values inside the constructor.

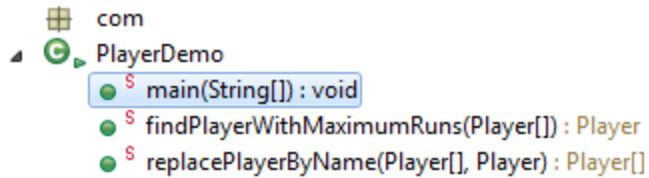
Create a class PlayerDemo with main method

Create a static method findPlayerWithMaximumRuns which takes array of Player objects as input parameter and returns the Player object with maximum total runs (assume that no Player objects have same total runs).

Create a static method replacePlayerByName in the PlayerDemo class. This method will take array of Player objects and one Player object as input. Replace the Player object with same name if found in the array. Then return the updated array back from the method.

Consider below image to refer exact class and method templates.





Please ensure that class names, attribute names, method signature etc. is same as above. Else your code will fail and score would be zero.

Refer below sample main method and test the output. You can copy the same code in main method and test the implementation.

Next submit the code in iASCERT for evaluation. Also, upload the code in iON assignment activity.

Sample main method:

```
public static void main(String[] args) {

    Player player1= new Player("valyyhz",59,57,"houuyon");
    Player player2= new Player("rcsofeq",71,36,"tnrscrk");
    Player player3= new Player("yyhaxtd",91,2,"nejgsw");
    Player player4= new Player("lyqemyr",22,96,"cymugfd");
    Player player5= new Player("xftaapa",31,95,"wgdpbwg");

    Player[] objArray=
    {player1,player2,player3,player4,player5};
    Player playerRes1= new Player("yyhaxtd",84,20,"mztqvxs");

    Player player =
    PlayerDemo.findPlayerWithMaximumRuns(objArray);

    System.out.println(player.getName()+" " +
    player.getMatchesPlayed()+" " + player.getTotalRuns()+" " +
    player.getTeam());

    Player updatedPlayers[]=
    PlayerDemo.replacePlayerByName(objArray, playerRes1);

    for(Player updatedPlayer : updatedPlayers){

        if(updatedPlayer.getName().equals(playerRes1.getName())){
            System.out.println(updatedPlayer.getName()+" " +
            updatedPlayer.getMatchesPlayed()+" " + updatedPlayer.getTotalRuns()+"
            " + updatedPlayer.getTeam());
        }
    }
}
```

```
}  
}  
}
```

Output:

```
lyqemyr 22 96 cymugfd  
yyhaxtd 84 20 mztqvxs
```