

[illegible]

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Player Name	Base Price (₹)	Selling Price	Category	Status	Sold To			Next Random Player	Andre Russell
Virat Kohli	₹20,000,000.00		Indian	Unsold					
Rohit Sharma	₹20,000,000.00		Indian	Unsold					
MS Dhoni	₹20,000,000.00		Indian	Unsold					
AB de Villiers	₹20,000,000.00		Overseas	Unsold					
David Warner	₹20,000,000.00		Overseas	Unsold					
Hardik Pandya	₹20,000,000.00		Indian	Unsold					
Jasprit Bumrah	₹20,000,000.00		Indian	Unsold					
KL Rahul	₹20,000,000.00		Indian	Unsold					
Andre Russell	₹20,000,000.00		Overseas	Unsold					
Ben Stokes	₹20,000,000.00		Overseas	Unsold					
Jos Buttler	₹20,000,000.00		Overseas	Unsold					
Rashid Khan	₹20,000,000.00	20100000	Overseas	Sold	Royal Challengers Bengaluru (RCB)				
Pat Cummins	₹20,000,000.00		Overseas	Unsold					
Faf du Plessis	₹20,000,000.00		Overseas	Unsold					
Glenn Maxwell	₹20,000,000.00		Overseas	Unsold					
Sam Curran	₹20,000,000.00		Overseas	Unsold					
Cameron Green	₹20,000,000.00	21300000	Overseas	Sold	Mumbai Indians (MI)				
Sanju Samson	₹15,000,000.00		Indian	Unsold					
Shikhar Dhawan	₹15,000,000.00	15300000	Indian	Sold	Delhi Capitals (DC)				
Rishabh Pant	₹20,000,000.00		Indian	Unsold					
Kieron Pollard	₹15,000,000.00		Overseas	Unsold					
Jofra Archer	₹15,000,000.00		Overseas	Unsold					
Mohammed Shami	₹15,000,000.00		Indian	Unsold					
Bhuvneshwar Kumar	₹15,000,000.00		Indian	Unsold					
Sunil Narine	₹15,000,000.00		Overseas	Unsold					
Nicholas Pooran	₹15,000,000.00		Overseas	Unsold					
Kagiso Rabada	₹15,000,000.00		Overseas	Unsold					
Yuzvendra Chahal	₹15,000,000.00		Indian	Unsold					
Deepak Chahar	₹15,000,000.00		Indian	Unsold					
R Ashwin	₹15,000,000.00		Indian	Unsold					
Jason	₹15,000,000.00		Overseas	Unsold					
Anrich Nortje	₹15,000,000.00		Overseas	Unsold					
Marcus Stoinis	₹15,000,000.00		Overseas	Unsold					
Moeen Ali	₹15,000,000.00		Overseas	Unsold					
Josh Hazlewood	₹15,000,000.00		Overseas	Unsold					
Shubman Gill	₹10,000,000.00		Indian	Unsold					

Rahul Tewatia	₹10,000,000.00		Indian	Unsold					
Manish Pandey	₹10,000,000.00		Indian	Unsold					
Nitish Rana	₹10,000,000.00		Indian	Unsold					
Mayank Agarwal	₹10,000,000.00		Indian	Unsold					
T Natarajan	₹10,000,000.00		Indian	Unsold					
Kyle Jamieson	₹10,000,000.00		Overseas	Unsold					
Robin Uthappa	₹10,000,000.00		Indian	Unsold					
Washington Sundar	₹10,000,000.00		Indian	Unsold					
Kuldeep Yadav	₹10,000,000.00		Indian	Unsold					
Rahul Tripathi	₹10,000,000.00		Indian	Unsold					
Murali Vijay	₹10,000,000.00		Indian	Unsold					
Lockie Ferguson	₹10,000,000.00		Overseas	Unsold					
Phil Salt	₹10,000,000.00	10400000	Overseas	Sold	Chennai Super Kings (CSK)				
Rilee Rossouw	₹10,000,000.00		Overseas	Unsold					
Shimron Hetmyer	₹10,000,000.00		Overseas	Unsold					
Venkatesh Iyer	₹5,000,000.00	6100000	Indian	Sold	Chennai Super Kings (CSK)				
Sarfaraz Khan	₹2,000,000.00		Indian	Unsold					
Tilak Varma	₹2,000,000.00		Indian	Unsold					
Arshdeep Singh	₹2,000,000.00		Indian	Unsold					
Suresh Raina	₹15,000,000.00		Indian	Unsold					
Krunal Pandya	₹10,000,000.00		Indian	Unsold					
Dinesh Karthik	₹10,000,000.00		Indian	Unsold					
Ambati Rayudu	₹10,000,000.00		Indian	Unsold					
Rahul	₹10,000,000.00		Indian	Unsold					
Jason Holder	₹15,000,000.00		Overseas	Unsold					
Alzarri Joseph	₹10,000,000.00		Overseas	Unsold					
Jonny Bairstow	₹15,000,000.00		Overseas	Unsold					
Cheteshwar Pujara	₹10,000,000.00		Indian	Unsold					
Hanuma Vihari	₹10,000,000.00		Indian	Unsold					
Mandeep Singh	₹10,000,000.00	11100000	Indian	Sold	Royal Challengers Bengaluru (RCB)				
Priyank Garg	₹10,000,000.00		Indian	Unsold					
Murugan Ashwin	₹10,000,000.00	10200000	Indian	Sold	Delhi Capitals (DC)				
Kane Williamson	₹20,000,000.00		Overseas	Unsold					

## IPL AUCTION APP SCRIPT CODE

```
function pickRandomUnsoldPlayer() {

    var sheet = SpreadsheetApp.getActiveSpreadsheet().getSheetByName("Player List");

    // we are now going to assign to diff variable to fetch values of our player and sold to column
    var players = sheet.getRange('A2:A70').getValues();
    var statuses = sheet.getRange('E2:E70').getValues();

    // we are now going to create an array which is empty
    var unsoldPlayer = [];

    // now let's start for loop
    for ( var i = 0; i < statuses.length; i++) {
        if (statuses[i][0] == "Unsold") {
            unsoldPlayer.push(players[i][0]); // store the player name
        }
    }

    // NOW ALL WE NEED TO DO IS RANDOMLY PICK UNSOLD PLAYERS and if not then exception handling will be good too
    if (unsoldPlayer.length == 0){
        Logger.log("No player left Unsold !");
        return;
    }

    var randomIndex = Math.floor(Math.random()*unsoldPlayer.length);
    var randomPlayer = unsoldPlayer[randomIndex];

    sheet.getRange("J1").setValue(randomPlayer);

}

function bidOnPlayer(teamNameCell, teamBalanceCell){
    var sheet = SpreadsheetApp.getActiveSpreadsheet().getActiveSheet();
    var incrementAmount = 100000;
    var currentPrice = sheet.getRange("C29").getValue();

    if (currentPrice == 0){
        currentPrice = sheet.getRange("C28").getValue()-incrementAmount;
    }

    var budget = sheet.getRange(teamBalanceCell).getValue();
```

```
var teamName = sheet.getRange(teamNameCell).getValue();

if (budget < currentPrice + incrementAmount){
    SpreadsheetApp.getActiveSpreadsheet().toast(teamName + "does not have enough
budget!");
    return;
}

sheet.getRange("C29").setValue(currentPrice + incrementAmount);
sheet.getRange("C30").setValue(teamName);

}

// now each team define so that we can know each budget and bid

function bidOnPlayerFromTeamA(){
    teamNameCell = "A1";
    teamBalanceCell = "C1"
    bidOnPlayer(teamNameCell, teamBalanceCell);
}

function bidOnPlayerFromTeamB(){
    teamNameCell = "E1";
    teamBalanceCell = "G1"
    bidOnPlayer(teamNameCell, teamBalanceCell);
}

function bidOnPlayerFromTeamC(){
    teamNameCell = "I1";
    teamBalanceCell = "K1"
    bidOnPlayer(teamNameCell, teamBalanceCell);
}

function bidOnPlayerFromTeamD(){
    teamNameCell = "M1";
    teamBalanceCell = "O1"
    bidOnPlayer(teamNameCell, teamBalanceCell);
}

function markPlayerAsSold(){
    var sheet = SpreadsheetApp.getActiveSpreadsheet();
    var auctionSheet = sheet.getSheetByName("Auction");
    var playerSheet = sheet.getSheetByName("Player List");

    var playerName = auctionSheet.getRange("C26").getValue(); // player on bid
```

```

var soldTo = auctionSheet.getRange("C30").getValue(); // team who won bid
var salePrice = parseFloat(auctionSheet.getRange("C29").getValue()); // final sold
price

auctionSheet.getRange("M26").setValue(playerName);
auctionSheet.getRange("M27").setValue(soldTo);
auctionSheet.getRange("M28").setValue(salePrice);

auctionSheet.getRange("C29:C30").clearContent();

var data = playerSheet.getRange("A2:A70").getValues();
for( var i = 0; i < data.length; i++) {
    if(data[i][0]==playerName ) {
        playerSheet.getRange(i+2,5).setValue("Sold") // mark sold
        playerSheet.getRange(i+2,6).setValue(soldTo) // sold to
        playerSheet.getRange(i+2,3).setValue(salePrice) // sale price
        break;
    }
}

// entry column for sold players
var entryColumn = 1;
if (soldTo == 'Royal Challengers Bengaluru (RCB)'){
    entryColumn = 5;
}
else if (soldTo == 'Mumbai Indians (MI)'){
    entryColumn = 9;
}
else if (soldTo == 'Delhi Capitals (DC)'){
    entryColumn = 13;
}

var insertRow = 3 ;
var values = auctionSheet.getRange(insertRow,entryColumn,20).getValues();

//loop through values to find the next empty sell for team
for (var i = 0 ; i < values.length; i++){
    if ( values[i][0] ==0 || values[i][0] == null) {
        insertRow = i + 3;
        break;
    }
}

//insert data

```

```
    auctionSheet.getRange(insertRow,entryColumn,1,2).setValues([[playerName,salePrice]]);

    SpreadsheetApp.getActiveSpreadsheet().toast(playerName + "SOLD TO " + soldTo + "FOR  
INR " + salePrice)

    pickRandomUnsoldPlayer();
}
```