

ATHARVA KISHOR BRAMHANKAR

PRN NO: 202201060051

B1 211

TEAM MEMBERS: ATHARVA, PRANAV, AJAY

PROBLEM STATEMENT: IPL MATCH STATS

CODE:

```
import csv

f1=open('/content/IPL_teams.csv','r')
f2=open('/content/Winner_teams.csv','r')
f3=open('/content/merge file.csv','w')

#reading the files
data1=list(csv.reader(f1, delimiter=','))
data2=list(csv.reader(f2, delimiter=','))

#printing the file contents
print("This file contents are:",data1,"\n")
print("This file contents are:",data2)

#merging two files
data3=[]
for i in range(len(data1)):
    data3.append(data1[i]+data2[i])
    cf3=csv.writer(f3)
    cf3.writerows(data3)
print("\n\nThe merged file is:",data3)

#extracting and printing result data
result=[]
for i in range(1,len(data1)):
```

```
result.append(str(data2[i][3]))
```

```
print("\nThe result data is:")
```

```
for i in result:
```

```
    print(i)
```

OUTPUT:

```
This file contents are: [['Captain Name', 'Team', 'Age', 'Experience'],
['MS Dhoni', 'CSK', '41', '15'], ['R Sharma', 'MI', '36', '8'], ['H
Pandya', 'GT', '29', '2'], ['KL Rahul', 'LSG', '31', '5'], ['V Kohli',
'RCB', '34', '5'], ['S Samson', 'RR', '28', '3'], ['S Dhawan', 'PK',
'37', '5'], ['S Iyer', 'KKR', '28', '3'], ['A Markram', 'SRH', '28',
'2'], ['D Warner', 'DC', '36', '8']]
```

```
This file contents are: [['Cup Winners(Year)', 'Opponent Team', '',
'Total trophies'], ['2018, 2021', 'SRH, KKR', '', '2'], ['2013, 2015,
2017, 2019, 2020', 'CSK, CSK, RCB, DC', '', '5'], ['2022', 'RR', '',
'1'], ['None', 'Not Qualified', '', '0'], ['None', 'Not Qualified', '',
'0'], ['None', 'Not Qualified', '', '0'], ['None', 'Not Qualified', '',
'0'], ['2014', 'PK', '', '1'], ['2016', 'RCB', '', '1'], ['None', 'Not
Qualified', '', '']]
```

```
The merged file is: [['Captain Name', 'Team', 'Age', 'Experience', 'Cup
Winners(Year)', 'Opponent Team', '', 'Total trophies'], ['MS Dhoni',
'CSK', '41', '15', '2018, 2021', 'SRH, KKR', '', '2'], ['R Sharma',
'MI', '36', '8', '2013, 2015, 2017, 2019, 2020', 'CSK, CSK, RCB, DC',
'', '5'], ['H Pandya', 'GT', '29', '2', '2022', 'RR', '', '1'], ['KL
Rahul', 'LSG', '31', '5', 'None', 'Not Qualified', '', '0'], ['V
Kohli', 'RCB', '34', '5', 'None', 'Not Qualified', '', '0'], ['S
Samson', 'RR', '28', '3', 'None', 'Not Qualified', '', '0'], ['S
Dhawan', 'PK', '37', '5', 'None', 'Not Qualified', '', '0'], ['S Iyer',
'KKR', '28', '3', '2014', 'PK', '', '1'], ['A Markram', 'SRH', '28',
'2', '2016', 'RCB', '', '1'], ['D Warner', 'DC', '36', '8', 'None',
'Not Qualified', '', '']]
```

```
The result data is:
```

```
2
5
1
0
0
0
0
1
1
```

CODE:

```
print("Highest trophies:",max(result))
```

OUTPUT:

Highest trophies: 5