

ASSIGNMENT1:

Roll No:230,234,239,241

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import csv

with open("/content/FIFA.csv", 'r') as f:
    csv_reader = csv.reader(f)
    next(csv_reader) # Skip the header row
    pln, tn, sal, pn, gs, ln, mp = [], [], [], [], [], [], []
    for row in csv_reader:
        pln.append(row[0])
        tn.append(row[1])
        sal.append(int(row[2]))
        pn.append(row[3])
        gs.append(row[4])
        ln.append(row[5])
        mp.append(int(row[6]))

print("Player number: ", pln)
print("Team name: ", tn)
print("Players salaries: ", sal)
print("Player name:", pn)
print("Goals score:", gs)
print("League name:", ln)
print("Matches played:", mp)

# Max Salary
print("1.Maximum Auction price: ", max(sal))

# player who score most goals
max_goals = max(gs)
idx = gs.index(max_goals)
print("2.Player who scored the most goals: ", pn[idx])
#player whose Salary is Minimum
print("3.player whose minimum Auction price :
",pn[sal.index(min(sal))])
# min salary
print("4.Minimum Auction price: ", min(sal))
#player whose Salary is Maximum
print("5.player whose maximum Auction price :
",pn[sal.index(max(sal))])
# player who score less goals
min_goals = min(gs)
idx = gs.index(min_goals)
print("6.Player who scored the less goals: ", pn[idx])
# avg salary
print("7.avg Auction price: ", (max(sal)+ min(sal))/2)
#league which has most number of matches
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print("8.Maximum played match in a league: ", max(mp))
#league which has less number of matches
print("9.Minimum played match in a league: ", min(mp))
#Maximum goals in league
print("10.max goals in laegue : ",ln[gs.index(max(gs))])

```

OUTPUT:

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❏ Player number: ['2', '3', '4', '5']
Team name: ['Bayren FC', 'Al Nassar', 'PSG', 'Kerla Blaster']
Players salaries: [300000000, 40000000, 50000000, 60000000]
Player name: ['MULLER', 'RONALDO', 'MEHSIII', 'CHETRI']
Goals score: ['15', '33', '2', '60']
League name: ['PEL', 'UEFA', 'EURO', 'ISL']
Matches played: [45, 55, 76, 99]
1.Maximum Auction price: 300000000
2.Player who scored the most goals: CHETRI
3.player whose minimum Auction price : RONALDO
4.Minimum Auction price: 40000000
5.player whose maximum Auction price : MULLER
6.Player who scored the less goals: MULLER
7.avg Auction price: 170000000.0
8.Maximum played match in a league: 99
9.Minimum played match in a league: 45
10.max goals in laegue : ISL

```