```
ASSIGNMENT 2:
ROLL NO:239,230,241,234

INPUT-
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)

import csv

with open("/content/FIFA.csv", 'r') as f:
    csv_reader = csv.reader(f)
    next(csv_reader)  # Skip the header row

    player_dict = {}

    for row in csv_reader:
        player_name = row[3]
        player_salary = int(row[2])
        player_dict[player_name] = player_salary

    # Find the most valuable player
    most_valuable_player = max(player_dict, key=player_dict.get)
    max_salary = player_dict[most_valuable_player]

    print("1.Most valuable player: ", most_valuable_player)
    print("Salary: ", max_salary)
```

```
    import csv

with open("/content/FIFA.csv", 'r') as f:
    csv_reader = csv.reader(f)
    next(csv_reader)  # Skip the header row

    player_goals = []

    for row in csv_reader:
        player_name = row[3]
        goals_scored = int(row[4])
        player_goals.append((player_name, goals_scored))

    # Find the player with the most goals
    most_goals_player = max(player_goals, key=lambda x: x[1])
    most_goals_player_name = most_goals_player[0]
    most_goals_scored = most_goals_player[1]

    print("2.Player with the most goals: ", most_goals_player_name)
    print("Goals scored: ", most_goals_scored)

    import csv
import numpy as np

with open("/content/FIFA.csv", 'r') as f:
    csv_reader = csv.reader(f)
    next(csv_reader)  # Skip the header row

    mp = []

    for row in csv_reader:
        matches_played = int(row[6])
        mp.append(matches_played)

    # Convert the matches played list to a numpy array
    mp_array = np.array(mp)

    # Find the index of the player with the most matches played
    most_matches_index = np.argmax(mp_array)

    # Retrieve the player name with the most matches played
    with open("/content/FIFA.csv", 'r') as f:
        csv_reader = csv.reader(f)
        next(csv_reader)  # Skip the header row
        for i, row in enumerate(csv_reader):
            if i == most_matches_index:
                most_matches_player = row[3]
```

```
                break

    print("3.Player who played the most matches: ",
most_matches_player)
```

OUTPUT-

```
Player number:  ['2', '3', '4', '5']
Team name:  ['AC Milan', 'AL Nassar', 'AL Hallal', 'psg']
Players salaries:  [3000000, 4000000, 5000000, 700000]
Player name: ['Zaltan', 'Ronaldo', 'Messi', 'Neymar']
Goals score: ['22', '46', '35', '26']
League name: ['UECL', 'UEFA', 'FIFA', 'ESL']
Matches played: [20, 25, 22, 17]
1.Most valuable player:  Messi
Salary:  5000000
2.Player with the most goals:  Ronaldo
Goals scored:  46
3.Player who played the most matches:  Ronaldo
```