**cricketapp**

OddEvenPlayers.js:

const T20Players = ['Virat', 'Rohit', 'Surya', 'Jadeja', 'Shami'];

const RanjiTrophyPlayers = ['Abhinav', 'Priyam', 'Saurabh', 'Prabhsimran', 'Devdutt'];

const allPlayers = [...T20Players, ...RanjiTrophyPlayers];

console.log('All Players:', allPlayers);

const oddTeamPlayers = allPlayers.filter((player, idx) => idx % 2 !== 0);

const evenTeamPlayers = allPlayers.filter((player, idx) => idx % 2 === 0);

console.log('Odd Team Players:', oddTeamPlayers);

console.log('Even Team Players:', evenTeamPlayers);

const [firstPlayer, secondPlayer, ...restPlayers] = allPlayers;

console.log(`First Player: ${firstPlayer}`);

console.log(`Second Player: ${secondPlayer}`);

console.log('Rest of Players:', restPlayers);

const playerStats = {

name: 'Virat',

matches: 254,

average: 57.7

};

const { name, matches, average } = playerStats;

console.log(`Name: ${name}, Matches: ${matches}, Average: ${average}`);

ES6FeaturesDemo.js:

var a = 10;

let b = 20;

const c = 30;

b = 25;

// c = 35;

class Player {

constructor(name, type) {

this.name = name;

this.type = type;

}

display() {

console.log(`${this.name} plays ${this.type}`);

}

}

const player1 = new Player('Priyam', 'Ranji');

player1.display();

const uniquePlayers = new Set(['Rohit', 'Surya', 'Rohit']); // 'Rohit' occurs only once

console.log('Unique Players:', uniquePlayers);

const playerMap = new Map();

playerMap.set('IN', 'India');

playerMap.set('AU', 'Australia');

console.log('Player Map:', playerMap);

const finalSquad = [...T20Players, ...RanjiTrophyPlayers];

console.log('Merged Squad:', finalSquad);