

Bonus:

Füge für jeden Spieler eine Liste der bereits gespielten Clubs hinzu, wie z.B.

```
const footballPlayers = [
  {
    name: 'Cristiano Ronaldo',
    height: 172,
    mass: 77,
    eye_color: 'blue',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 3
      },
      {
        club: 'Real Madrid',
        yearsPlayed: 9
      },
      {
        club: 'Juventus Turin',
        yearsPlayed: 3
      }
    ]
  },
  {
    name: 'Lionel Messi',
    height: 170,
    mass: 72,
    eye_color: 'light blue',
    gender: 'male',
    clubs: [
      {
        club: 'FC Barcelona',
        yearsPlayed: 17
      },
      {
        club: 'Paris Saint Germain',
        yearsPlayed: 3
      }
    ]
  },
  {
    name: 'Neymar Jr',
    height: 175,
    mass: 68,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'FC Barcelona',
        yearsPlayed: 9
      },
      {
        club: 'Paris Saint Germain',
        yearsPlayed: 3
      },
      {
        club: 'Al Hilal Saudi Arabia',
        yearsPlayed: 1
      }
    ]
  },
  {
    name: 'Kylian Mbappé',
    height: 178,
    mass: 73,
    eye_color: 'black',
    gender: 'male',
    clubs: [
      {
        club: 'Paris Saint Germain',
        yearsPlayed: 6
      },
      {
        club: 'Real Madrid',
        yearsPlayed: 1
      }
    ]
  },
  {
    name: 'Erling Haaland',
    height: 194,
    mass: 88,
    eye_color: 'blue',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester City',
        yearsPlayed: 3
      }
    ]
  },
  {
    name: 'Robert Lewandowski',
    height: 185,
    mass: 81,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'FC Barcelona',
        yearsPlayed: 9
      },
      {
        club: 'Borussia Dortmund',
        yearsPlayed: 5
      }
    ]
  },
  {
    name: 'Christiano Ronaldo',
    height: 187,
    mass: 83,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 3
      },
      {
        club: 'Real Madrid',
        yearsPlayed: 10
      },
      {
        club: 'Juventus Turin',
        yearsPlayed: 3
      }
    ]
  },
  {
    name: 'Antony',
    height: 173,
    mass: 70,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 2
      }
    ]
  },
  {
    name: 'Bruno Fernandes',
    height: 175,
    mass: 68,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 3
      }
    ]
  },
  {
    name: 'Marcus Rashford',
    height: 180,
    mass: 70,
    eye_color: 'black',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 7
      }
    ]
  },
  {
    name: 'Jadon Sancho',
    height: 180,
    mass: 70,
    eye_color: 'black',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 2
      }
    ]
  },
  {
    name: 'Casemiro',
    height: 185,
    mass: 80,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 2
      }
    ]
  },
  {
    name: 'Rasmus Hojlund',
    height: 191,
    mass: 85,
    eye_color: 'blue',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 1
      }
    ]
  },
  {
    name: 'Scott McTominay',
    height: 188,
    mass: 78,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 1
      }
    ]
  },
  {
    name: 'Alejandro Garnacho',
    height: 175,
    mass: 65,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 1
      }
    ]
  },
  {
    name: 'Amari'iq Weir',
    height: 178,
    mass: 70,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 1
      }
    ]
  },
  {
    name: 'Kobbie Mainoo',
    height: 170,
    mass: 60,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 1
      }
    ]
  },
  {
    name: 'Harry Maguire',
    height: 194,
    mass: 90,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 7
      }
    ]
  },
  {
    name: 'Lisandro Martinez',
    height: 175,
    mass: 70,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 2
      }
    ]
  },
  {
    name: 'Diogo Dalot',
    height: 183,
    mass: 75,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 4
      }
    ]
  },
  {
    name: 'Victor Lindelof',
    height: 189,
    mass: 80,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 4
      }
    ]
  },
  {
    name: 'Jonny Evans',
    height: 188,
    mass: 80,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 1
      }
    ]
  },
  {
    name: 'Tommy Doyle',
    height: 175,
    mass: 65,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 1
      }
    ]
  },
  {
    name: 'Sergio Reguilon',
    height: 178,
    mass: 70,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 1
      }
    ]
  },
  {
    name: 'Nathan Aspinall',
    height: 175,
    mass: 70,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 1
      }
    ]
  },
  {
    name: 'Mason Mount',
    height: 181,
    mass: 70,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 1
      }
    ]
  },
  {
    name: 'Anthony Martial',
    height: 180,
    mass: 70,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 5
      }
    ]
  },
  {
    name: 'Mason Greenwood',
    height: 178,
    mass: 65,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 4
      }
    ]
  },
  {
    name: 'Facundo Pellistri',
    height: 175,
    mass: 65,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 1
      }
    ]
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    gender: 'male',
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        club: 'Manchester United',
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    mass: 70,
    eye_color: 'brown',
    gender: 'male',
    clubs: [
      {
        club: 'Manchester United',
        yearsPlayed: 1
      }
    ]
  },
  {
    name: 'Anthony Martial',
    height: 180,
    mass: 70,
   
```

1. Erstelle ein neues Spieler Array, das nur Spieler enthält, die z.B. beim Club Real Madrid (oder einem Club deiner Wahl) gespielt haben.
2. Erstelle ein neues Spieler Array, das nur Spieler enthält, die länger als 5 Jahre bei einem Verein gespielt haben
3. Sortiere die Spieler nach der Anzahl der gespielten Vereine, startend mit dem Spieler mit den wenigsten Vereinen.
4. Erstelle ein neues Spieler Array, das für jeden Spieler lediglich den Namen des Spielers und die Gesamtanzahl an gespielten Jahren bei Vereinen als Objekt ausgibt. Also zum Beispiel:

```
[
  {
    name: „Cristiano Ronaldo“,
    totalYearsPlayed: 15
  },
  ...
]
```