






DWA_03.4 Knowledge Check_DWA3.1

1. Please show how you applied a Markdown File to a piece of your code.

```
DWA 3 / IWA 16 / README.MD / Athletes data
1 <!-- omit in toc -->
2 #  Athletes data
3
4 You have been handed a data structure that contains information about two athletes. All information is stored under the variable data. However
variable contains additional information returned from the server, so you will need to traverse into the structure to retrieve information from
embedded property also called data.
5 The nested data property contains an object of two individuals, each with a unique ID that is used as their key in the object. You are to ensure
that the following is displayed for each individual on the page (matching each individual with their specific section element).
6
7
8
9 Table of Contents (up to date)
10 - [features](#features)
11 - [Requirements](#requirements)
12 - [Getting started](#getting-started)
13 - [User Stories](#user-stories)
14
15 ## features
16
17 -  Fullname (Firstname and Surname)
18 -  Number of races
19 -  Date of most recent race (format: d MMM YYYY)
20 -  Duration of most recent race (format: hh:mm)
21
22 ## Requirements
23
24 The following is required:
25 An IDE like [Visual studiocode](https://code.visualstudio.co.)
26 Basic [HTML,CSS and JavaScript](https://developer.mozilla.org/en-US/docs/Learn)skills.
27 A browser like [chrome](https://www.google.com/chrome)
28
29 ## Getting started
30
31 1.clone the repository
32
33
34 git clonehttps://github.com/lesegomatshego/LESMAT001_BCL2302_BENJAMIN_LESEGO_MATSHEGO_IWA1
```

2. Please show how you applied JSDoc Comments to a piece of your code.

```

62 |   },
63 |   };
64 |   /**
65 |    * Only edit below this comment
66 |    */
67 |   const createHtml = (athlete) => {
68 |     /**
69 |      * reassign the variables
70 |      */
71 |
72 |     const firstName = data.response.data[athlete].firstName;
73 |     const surname = data.response.data[athlete].surname;
74 |     const id = data.response.data[athlete].id;
75 |     const races = (data.response.data[athlete].races).length
76 |     const date = new Date(data.response.data[athlete].races[races-1].date)
77 |     const time = data.response.data[athlete].races[races-1].time;
78 |     const fragment = document.createDocumentFragment();
79 |     let title = document.createElement('h2');
80 |     title.textContent = id
81 |     fragment.appendChild(title);
82 |     const list = document.createElement('dl');

```

3. Please show how you applied the @ts-check annotation to a piece of your code.

```
1 // @ts-check
2
3 const MONTHS = [
4   'Jan',
5   'Feb',
6   'Mar',
7   'Apr',
8   'May',
9   'Jun',
10  'Jul',
11  'Aug',
12  'Sep',
13  'Oct',
14  'Nov',
15  'Dec',
16 ]
17 const data = {
18   response: {
19     requestType: "FETCH_ATHLETE_DATA",
20     requestBy: "ALL_MATCHING_ATHLETES",
21     forDisplay: "BEST_RACES",
22     data: {
23       NM372: {
24         firstName: "Nwabisa",
25         surname: "Masiko",
26         id: "NM372",
27         races: [
28           {
29             date: '2022-11-18T20:00:00.000Z',
30             time: [9, 7, 8, 6],
31           },
32           {
33             date: '2022-12-02T20:00:00.000Z',
34             time: [6, 7, 8, 7]
```

4. As a BONUS, please show how you applied any other concept covered in the 'Documentation' module.

```
Run ... README.md - LESMAT001_BCL23_BENJAMIN_LESEGO_MATSHEGO_DWA - Visual Studio Code
JS script.js C:\...\\LESMAT001_BCL2302_BENJAMIN_LESEGO_MATSHEGO_IWA1\... JS script.js DWA 3\... M README.md X LESMAT001_BCL2302_BENJAMIN_LESEGO_MATSHEGO_DWA3_1.p

IWA 3 > IWA 16 > README.md > # Athletes data
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15 ## features
16 - 📄 Fullname (Firstname and Surname)
17 - 🏆 Number of races
18 - 📅 Date of most recent race (format: d MMM YYYY)
19 - ⌚ Duration of most recent race (format: hh:mm)
20
```

Added emojis and a table of contents.