Assignment 4 (10%) / Angular More

* Create a new Angular project called **yourLoginName-A4** /
  + See New Project-DefaultSetup for a review of how to start a new project with class defaults
* Create a **header** component and a **footer** component the way we have done .
* Create a file in the app folder called **yourLoginName.ts** in the **app** folder. In this file, **create a class called YourLoginName** that includes the following definition with your choice of label and type:
  + **Your student number, your name, your login name, your campus, and assignment title**
  + **In both the header and footer component .ts files**, import and create a variable to fill in the class data with your information using @Input to pass data from the app.component to the header and footer components (i.e. Data MUST be loaded in the app.component and passed to the header and footer).
  + Header area: **assignment title / your name**
  + Footer area: **your name / your student number / your login name / your campus**
  + *Note: You may need to stop the node server and start up again after creating a class. Use Ctrl+C to terminate batch job then "ng serve" again after class file is created.*
* Create **2 JSON files** for 2 different animals (ex. dog, cat, horse, chicken, etc.); Each will include **at least 3 entries** with specific data about each consisting of **at least 4 facts per entry**; Be sure to **VALIDATE** each JSON file.

You can use https://jsonlint.com/

* Use an Interface and Angular JSON retrieval process to pull data into the MAIN component . you can refer to inclass exercise json app

What to submit...

* + You will be submitting **ZIP of your src folder ONLY** in the SLATE dropbox. **Also upload on cpanel prod build and share your cpanel URL**
  + Each assignment must be done individually.  
        I will be checking for copying especially if the assignments look similar and will file an academic integrity breach if necessary
  + This is not an assignment that should be started the day it is due.  
    NO EXTENSIONS to the due date will be given.

Grading Rubric...

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| **Header and Footer Components / CLASS and data setup with inclusion in the header and footer components** | | 2 |
| **JSON Files created** | | 2 |
| **Main data with JSON data included using JSON retrieval techniques and an interface plus the passing of data from app.component** | | 4 |
| **Uploaded on cPanel and cpanel url is shared** | **2** | |
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