Day 19 - Twig Templating

Objective

- In this session, we will take a look at basics of Twig Templating, that has replaced the PHPTemplate engine in Drupal.

Primary Tutorial

- https://youtu.be/V0_US_YZSxU?t=597
  (From **9:57 to 16:10** in the video)
  The video is a long one over 40mins, however the Twig section lasts for around 7 mins, which covers most parts of what is showcased in the exercise.

Solution

- https://gist.github.com/saitanay/97255a8db0a1d8bff0ffe2fa0a018dff (Probably not the best, Suggestions welcome)

Debug

- If you don't see your template changes affecting the block on page refresh, refer to Day-10 card above to find out how you can disable caching.

Exercise

- Download and install **this module** . This module provides a very basic block whose template is `day19/templates/day19-twig-test.html.twig` . The build() of the block provides variables - **`var1, var2, classes, myclasscount`** - that are available in the template to be used.
- Place the block provided by the module *(My Block)* onto a region on your site from block admin interface, so you can view the block
- If you see the block display "`Your template goes here..`" - you are all set now. Go further.
- **Now modify the template as below**
  - If var1 is set, print the value of var1
  - Move the output of var1 to a <span> whose class names are those provided by *classes* variable passed to the template (Hint - Ensure that the class names are cleaned enough so they deserve to be class names)
  - Print the variable **$var2[3]['g']**
  - Print the word "Hello", such that it can be translated using the admin translation interface
  - Move the *Hello string* into a <div> such that the div has all classes in the pattern minion0, minion1, minion2, minion3, minion4…..till minionX, where X is provided by the value of *myclasscount* variable
  - Try out {{ dump() }} and {{ dump(var1) }} on the template to see how the printed variables show up on the screen
- With the above changes, the markup of the rendered block is expected to be something like **this**.

Bonus Exercise

- The provided solution has a bug wherein the classes added to the span enclosing var1, are also added as classes to the div enclosing the translatable *Hello* String. Fix the template.