

# Exercise 8:

## Manipulating variables in the template

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Look at the comments at the top of the `node.html.twig` template. The comments detail the variables that are available to this particular template. In twig we have the ability to use certain filters to manipulate the output of variables.

### Use `kint()` to inspect the content variable.

1. Add `{{ kint(content) }}` to the bottom of your `**node.html.twig` field.
2. Inspect the content variable. Note that `body` and `field_image` are available.

*Make sure your php memory limit is high (> 256) or you may see a white screen of death.*

### Print Content without certain fields.

1. In `node.html.twig`, change `{{ content }}` to `{{ content|without('field_tags') }}`
2. View an article node page. Now all fields are printed except for the tags field.

### Print fields individually.

1. Find `{{ content | without('field_tags') }}` from the previous step and change it to `{{ content | without({'field_tags', 'body'}) }}`

This removes the tags and the body fields.

2. Add the following towards the end of your file but before the final `</article>` tag.

```
<div class="sidebar">
  {{ content.field_tags }}
  {{ content.body }}
</div>
```

You should now see your Tags and Body fields inside a div with class `sidebar`.

## Explore.

The `.` syntax in twig is a shorthand for a number of PHP methods and functions. Below is a list of methods Twig will check in the order they will be checked in.

1. Spend a few moments trying to print out variables and their children.

```
{{ sandwich.cheese }}  
// Array key.  
$sandwich['cheese'];  
// Object property.  
$sandwich->cheese;  
// Also works for magic get (provided you implement magic isset).  
$sandwich->__isset('cheese'); && $sandwich->__get('cheese');  
// Object method.  
$sandwich->cheese();  
// Object get method convention.  
$sandwich->getCheese();  
// Object is method convention.  
$sandwich->isCheese();  
// Method doesn't exist/dynamic method.  
$sandwich->__call('cheese');
```

## Questions you may have...

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- What if I only want the body text without the surrounding markup?

**Done** 😊

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