

Here we have our first test fragment:

EulerIsMyFriend ==> Here is First test

$$asdf \quad asdf \quad (1)$$

$$asdf \quad asdf \quad (2)$$

- Here we print the second frag:

SomethingElse ==> Or, anything else like:  $\begin{array}{ccccc} & a & & test & to\ show\ off \\ & what\ happens & & with & writetofile \end{array}$

- Here's the third test with a number in it:

ThirdTest223 ==> this is third test

And Here is an example of using a fragment more than once.

EulerIsMyFriend ==> Here is First test

$$asdf \quad asdf \quad (3)$$

$$asdf \quad asdf \quad (4)$$

If you want to set the counter for the equation numbers you can do that too, with `\setcounter{equation}{0}`, and the same equations numbers will be used.

EulerIsMyFriend ==> Here is First test

$$asdf \quad asdf \quad (1)$$

$$asdf \quad asdf \quad (2)$$

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Now we see what happens if you call for a name that isn't defined:

(!! There is no fragment ==> **Mistake** <== maybe run LaTeX on source file again?)