

When removing the last review on a product, I get this error as the number of reviews is 0 and dividing by 0 is infinity.

```
ZeroDivisionError at /reviews/delete/72/
division by zero

Request Method: GET
Request URL: http://localhost:8000/reviews/delete/72/
Django Version: 3.1.1
Exception Type: ZeroDivisionError
Exception Value: division by zero
Exception Location: /workspace/ms4/reviews/views.py, line 121, in delete_review
Python Executable: /home/gitpod/.pyenv/versions/3.8.6/bin/python3
Python Version: 3.8.6
Python Path: ['/workspace/ms4',
              '/home/gitpod/.pyenv/versions/3.8.6/lib/python3.8.zip',
              '/home/gitpod/.pyenv/versions/3.8.6/lib/python3.8',
              '/home/gitpod/.pyenv/versions/3.8.6/lib/python3.8/lib-dynload',
              '/workspace/.pip-modules/lib/python3.8/site-packages',
              '/home/gitpod/.pyenv/versions/3.8.6/lib/python3.8/site-packages']
Server time: Fri, 30 Oct 2020 22:13:47 +0000

Traceback Switch to copy-and-paste view
/workspace/.pip-modules/lib/python3.8/site-packages/django/core/handlers/exception.py, line 47, in inner
47.         response = get_response(request)
    ► Local vars

/workspace/.pip-modules/lib/python3.8/site-packages/django/core/handlers/base.py, line 179, in _get_response
179.         response = wrapped_callback(request, *callback_args, **callback_kwargs)
    ► Local vars
```

I inputted an if statement so the function would only find the average as long as the number of ratings wasn't at 0. If it was 0, then it just skips the calculation and puts the rating at 0.

```
# Calculating the new rating scores.
product.number_of_ratings = product.number_of_ratings - 1
print("new number of ratings")
print(product.number_of_ratings)
print("new product rating total")
product.rating_total = product.rating_total - review.review_rating
print(product.rating_total)
if product.number_of_ratings != 0:
    product.rating = product.rating_total / product.number_of_ratings
    print("product rating new")
    print(product.rating)
else:
    product.rating = 0
review.delete()
product.save()
messages.success(request, 'Review deleted!')
return redirect(reverse('products'))
```

However, this meant that if there were no reviews on the system then the product would be rated 0.

So I put an if statement in the html to display a message saying there hasn't been any reviews yet.

```
{% if product.rating != 0.00 %}
<p class="card-text">{{product.rating}}/5</p>
{% else %}
<p class="card-text">This product hasn't been rated yet.</p>
{% endif %}
```