tf.round

```
round(
    x,
    name=None
)
```

Defined in `tensorflow/python/ops/math_ops.py`.

See the guide: Math > Basic Math Functions

Rounds the values of a tensor to the nearest integer, element-wise.

Rounds half to even. Also known as bankers rounding. If you want to round according to the current system rounding mode use tf::cint. For example:

```
x = tf.constant([0.9, 2.5, 2.3, 1.5, -4.5])
tf.round(x)  # [ 1.0, 2.0, 2.0, 2.0, -4.0 ]
```

Args:

- `x`: A `Tensor` of type `float32` or `float64`.
- `name`: A name for the operation (optional).

Returns:

A `Tensor` of same shape and type as `x`.

Except as otherwise noted, the content of this page is licensed under the Creative Commons Attribution 3.0 License, and code samples are licensed under the Apache 2.0 License. For details, see our Site Policies. Java is a registered trademark of Oracle and/or its affiliates.

Last updated November 2, 2017.