tf.floordiv

```
floordiv(
    x,
    y,
    name=None
)
```

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

See the guide: Math > Arithmetic Operators

Divides `x / y` elementwise, rounding toward the most negative integer.

The same as `tf.div(x,y)` for integers, but uses `tf.floor(tf.div(x,y))` for floating point arguments so that the result is always an integer (though possibly an integer represented as floating point). This op is generated by `x // y` floor division in Python 3 and in Python 2.7 with `from __future__ import division`.

Note that for efficiency, `floordiv` uses C semantics for negative numbers (unlike Python and Numpy).

`x` and `y` must have the same type, and the result will have the same type as well.

Args:

- `x`: `Tensor` numerator of real numeric type.
- `y`: `Tensor` denominator of real numeric type.
- `name`: A name for the operation (optional).

Returns:

`x / y` rounded down (except possibly towards zero for negative integers).

Raises:

- `TypeError`: If the inputs are complex.

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