

## tf.is\_inf

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

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

See the guide: [Control Flow > Debugging Operations](#)

Returns which elements of x are Inf.

## Args:

- `x`: A `Tensor`. Must be one of the following types: `half`, `float32`, `float64`.
- `name`: A name for the operation (optional).

## Returns:

A `Tensor` of type `bool`.

## numpy compatibility

Equivalent to `np.isinf`

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