

tf.ones

```
ones(  
    shape,  
    dtype=tf.float32,  
    name=None  
)
```

Defined in [tensorflow/python/ops/array_ops.py](#).

See the guide: [Constants, Sequences, and Random Values > Constant Value Tensors](#)

Creates a tensor with all elements set to 1.

This operation returns a tensor of type `dtype` with shape `shape` and all elements set to 1.

For example:

```
tf.ones([2, 3], tf.int32) # [[1, 1, 1], [1, 1, 1]]
```

Args:

- `shape`: A list of integers, a tuple of integers, or a 1-D `Tensor` of type `int32`.
- `dtype`: The type of an element in the resulting `Tensor`.
- `name`: A name for the operation (optional).

Returns:

A `Tensor` with all elements set to 1.

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Last updated November 2, 2017.

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