tf.multiply

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

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

See the guide: Math > Arithmetic Operators

Returns x * y element-wise.

NOTE: `tf.multiply` supports broadcasting. More about broadcasting here

Args:

- `x`: A `Tensor`. Must be one of the following types: `half`, `float32`, `float64`, `uint8`, `int8`, `uint16`, `int16`, `int32`, `int64`, `complex64`, `complex128`.
- `y`: A `Tensor`. Must have the same type as `x`.
- `name`: A name for the operation (optional).

Returns:

A `Tensor`. Has the same type as `x`.

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