tf.argmax

```
argmax(
    input,
    axis=None,
    name=None,
    dimension=None,
    output_type=tf.int64
)
```

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

See the guide: Math > Sequence Comparison and Indexing

Returns the index with the largest value across axes of a tensor. (deprecated arguments)

SOME ARGUMENTS ARE DEPRECATED. They will be removed in a future version. Instructions for updating: Use the `axis` argument instead

Note that in case of ties the identity of the return value is not guaranteed.

Args:

- `input`: A `Tensor`. Must be one of the following types: `float32`, `float64`, `int64`, `int32`, `uint8`, `uint16`, `int16`, `int8`, `complex64`, `complex128`, `qint8`, `quint8`, `qint32`, `half`.
- `axis`: A `Tensor`. Must be one of the following types: `int32`, `int64`. int32 or int64, must be in the range `[-rank(input), rank(input))`. Describes which axis of the input Tensor to reduce across. For vectors, use axis = 0.
- `output_type`: An optional `tf.DType` from: `tf.int32, tf.int64`. Defaults to `tf.int64`.
- `name`: A name for the operation (optional).

Returns:

A `Tensor` of type `output_type`.

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