tf.is_strictly_increasing

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

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

See the guides: Asserts and boolean checks, Framework (contrib)

Returns `True` if `x` is strictly increasing.

Elements of `x` are compared in row-major order. The tensor `[x[0],...]` is strictly increasing if for every adjacent pair we have `x[i] < x[i+1]`. If `x` has less than two elements, it is trivially strictly increasing.

See also: `is_non_decreasing`

Args:

- `x`: Numeric `Tensor`.
- `name`: A name for this operation (optional). Defaults to "is_strictly_increasing"

Returns:

Boolean `Tensor`, equal to `True` iff `x` is strictly increasing.

Raises:

- `TypeError`: if `x` is not a numeric tensor.

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English