tf.assert_rank_in

```
assert_rank_in(
    x,
    ranks,
    data=None,
    summarize=None,
    message=None,
    name=None
)
```

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

Assert `x` has rank in `ranks`.

Example of adding a dependency to an operation:

```
with tf.control_dependencies([tf.assert_rank_in(x, (2, 4))]):
  output = tf.reduce_sum(x)
```

Args:

- `x`: Numeric `Tensor`.
- `ranks`: Iterable of scalar `Tensor` objects.
- `data`: The tensors to print out if the condition is False. Defaults to error message and first few entries of `x`.
- `summarize`: Print this many entries of each tensor.
- `message`: A string to prefix to the default message.
- `name`: A name for this operation (optional). Defaults to "assert_rank_in".

Returns:

Op raising `InvalidArgumentError` unless rank of `x` is in `ranks`. If static checks determine `x` has matching rank, a `no_op` is returned.

Raises:

- `ValueError`: If static checks determine `x` has mismatched rank.

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