tensor.concat

```
Copy fnconcat(tensors:Span>, axis:usize, )->Tensor;
```

Concatenate a list of tensors into a single tensor.

Args

- tensors
- (Span>,
-) - Array of the input tensors.
- axis
- (usize
-) - Axis to concat on.
-

Panics

- Panic if tensor length is not greater than 1.
- Panics if dimension is not greater than axis.
-

Returns

A newTensor concatenated tensor of the input tensors.

Example

```
Copy usecore::array::{ArrayTrait,SpanTrait};

useorion::operators::tensor::{TensorTrait,Tensor,U32Tensor};

fnconcat_example()->Tensor { lettensor1=TensorTrait::new(shape:array![2,2].span(), data:array![0,1,2,3].span(),); lettensor2=TensorTrait::new(shape:array![2,2].span(), data:array![0,1,2,3].span(),); letresult=TensorTrait::concat(tensors:array![tensor1, tensor2].span(), axis:0); returnresult; }

                [[0.1.] [2.3.], [0.1.] [2.3.]]
```

result.shape

                (4,2)

letresult=TensorTrait::concat(tensors:array![tensor1, tensor2].span(), axis:1); returnresult; }

                [[0.1.,0.,1.] [2.3.,2.,3.]]

result.shape

                (2,4)

```

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