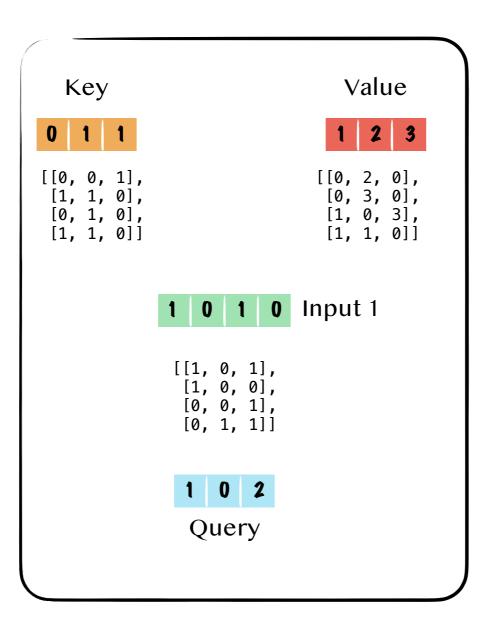
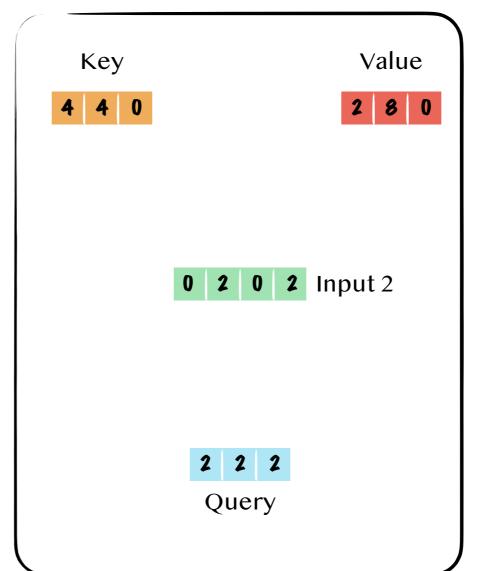
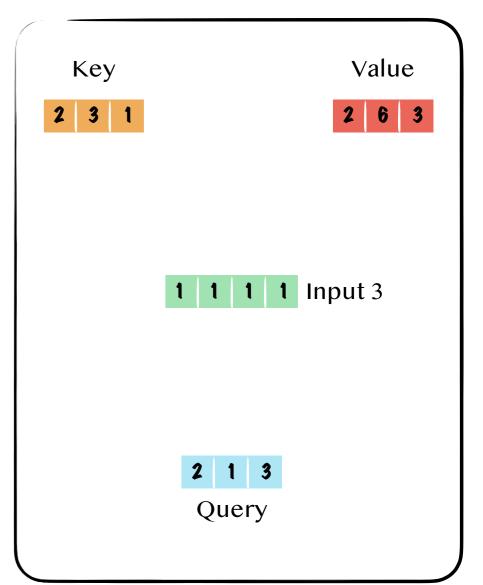
## Step 1

- Initialize the weight matrix for Key, Value and Query
- Matrix multiplication between Input and weight matrix

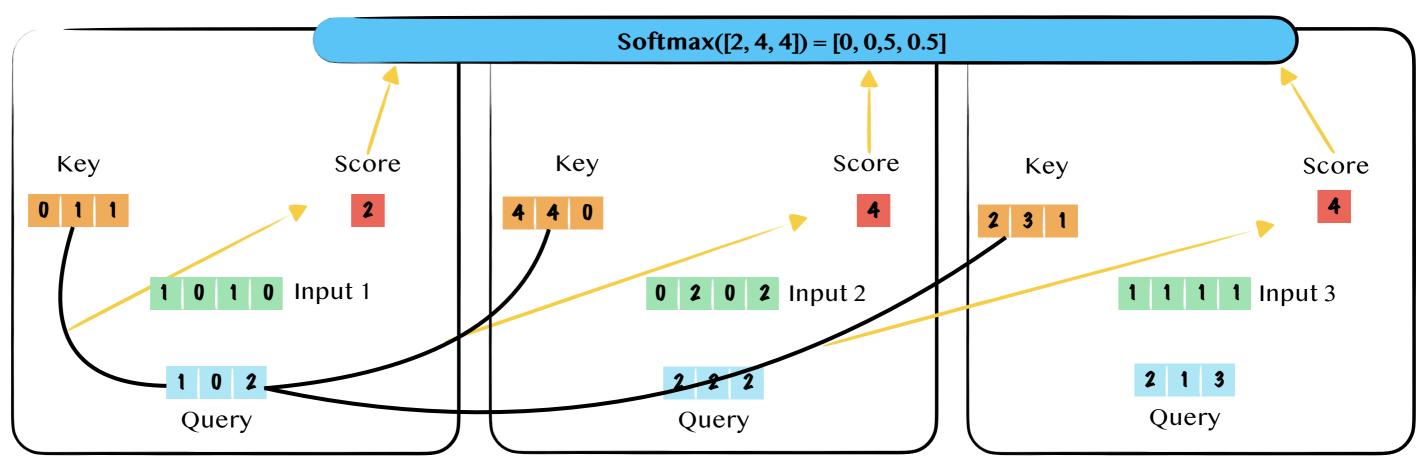








- Matrix multiplication
  between Query of input
  1 and Key of all inputs
- Calculate softmax score among all outputs





- Multiplication between softmax score and Value
- Addition among all outputs

