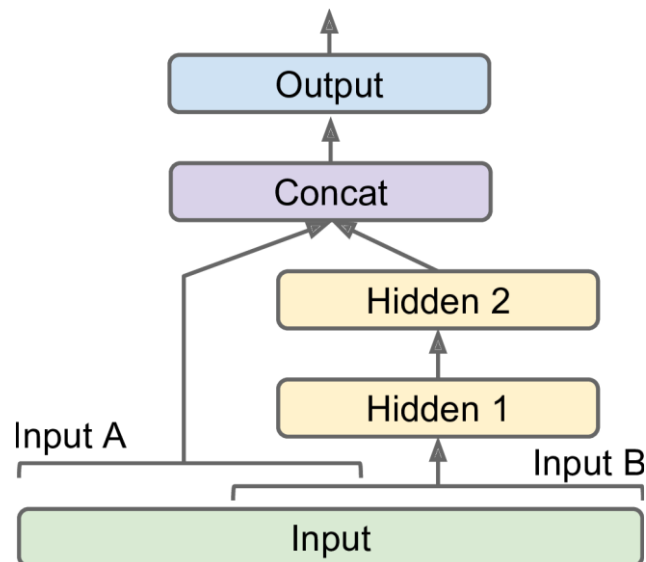


## WEEK 5

1. Read documentation about The Keras functional API is a way to create models.  
<https://www.tensorflow.org/guide/keras/functional>
2. Using the Scikit-Learn's `fetch_california_housing()` function to download the California Housing Problem data.
3. Using the sequential API build a regression MLP ( to make predications. Model can have 1 hidden layer with 30 units. Visualize the MSE for 20 epochs. Comment on overall accuracy.
4. Using functional API build the following Wide & Deep Neural Network with the following architecture.



Let Hidden layers contain 30 units each with ReLU activation. Pass features 0 to 4 in the wide path and features 2 to 7 into the deep path. Visualize the MSE for 20 epochs. Comment on overall accuracy.