DL ASSIGNMENT 4

Q1) tensor flow is library and high level api that performs various ML/DL tasks. PyTorch is another famous library.

Q2) tensor flow is built on numpy as high level. Numpy is required at low level to perform operations in python.

Q3) yes, we get same result with tf.range(10) and tf.constant(np.arange(10))

Q4) integers, floats, strings, unsigned integers, boolean, complex etc.

Q5, Q6) writing a function gives faster execution and more complex models can be created. Subclassing gives more control over model.

Q7) only layer needs to be customised.

Q8) to have control over low level losses and gradients, especially in research.

Q9) they must be convertible to tf functions.