Exercise 1

What are the encoder and decoder in a neural machine translation system?

Exercise 2

Decide if the next statements about attention-based models are true or false, and elaborate on your responses.
(A) With an attention mechanism we no longer try encode the full source input into a fixed-length vector. Rather, we allow the decoder to "attend" to different parts of the input at each step of the output generation
(B) Attention has only successfully been applied to text sequences. Other applications such as image or speech have tested attention-based mechanisms but without success.