

# CS 224n Assignment #5

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## 1. Character-based convolutional encoder for NMT

- (a) Convolutional architectures can operate over variable length input too since convolutional layers slide fixed-sized windows over input unlike linear layers.
- (b)
- (c)
- (d)
- (e)
- (f)
- (g)
- (h)
- (i)
- (j)

## 2. Character-based LSTM decoder for NMT

- (a)
- (b)
- (c)
- (d)
- (e)

## 3. Analyzing NMT Systems

- (a)
- (b)
  - i.
  - ii.
  - iii.
- (c)