runLengthEncode and Merge Sort Office Hours Discussion Notes

the corrently completly on length Encode
$$[J = [J]]$$
 encoded result run length Encode $(x:xs) = doRLE[J]$ (I,x) xs

dorle current (cc, c1) [x, xs] |
$$x = c1 = dorle$$
 current (cc+1, c1) x5
| otherwise = dorle current ++ [(Span cc c1)] (1,x) x5
dorle current (cc, c1) [] = current ++ [(Span cc c1)]