Exercise: RNN ca) Q (i) hi?, t=1 (ii) g,? t=1 (iii) yz? t=2 ho Whn Wxh Why x1=[3] x2=[6]
Formula he=tanh (Whh he-1 + Wxh Xe) Je= Why he Solution (i) let t=1 h,=tanh([0.10.27[0]+[0.50.27[37] = tanh ([2.3]) = [0.98017 h, fx - 991 CN x OP TN 1. (ii) y, = Whyhi = [0.1 047 [0.7616] = 0.40265 (iii) yz=Whyhz lex t=2. hz=tanh (Whh, +Wh) hz=tanh([0.10.2][2.5]+[0.50.2][1] [0.980] [0.980] [0.7616]