CS 224n - Assignment #2: Word 2 vec

· dimensions 1xV IXV d - # embeddings U V= # works in the vocabulary Vxd Vxd Uo 1 xd 11 . IXd Vc (a) Because y is one hot vector, 9+ is only 1 when the word is o' > coss-enhappy = -log(\$) (b) at = (y-g) U (J-naire-sofrm) 2] = (y-y). Ve (J-naire softman) (c) do(x) = 6(x) (1-6(x)) (d) 2] = (o(uovc)-1) uo - ¿(o(-ykvc)-1) uk) (e) 35 = ( (45 v2) -1) v2 (f) Common, this is very straightfooward