*Use LZW to compress the string allallysally.  Show the completed code table and output stream.  (10 points)*

*Beginning of the code table:  Beginning of the output stream:*

*#1 = a #1 (a)*

*#2 = l #2 (l)*

*#3 = y #2 (l)*

*#4 = s  #5 (al)*

#5 = al #2 (l)

#6 = ll #3(y)

#7 = ly #4(s)

#8 = sa #9(all)

#9 = all #3(y)

#10 = ally