Workspace C:\Users\zPhoe\Desktop\Cs320\p2.dws

```
[0]    RESULT1←SCORE DEAL
[1]    STEP0←CHARS⍳HAND    ⍝THIS FUNCTION GIVES THE INDICES AKA INTEGER
...REPRESENTATION OF THE HAND
[2]    DISP←HAND
[3]    STEP1←{⍺,⍴⍵}⌸⍤1↓STEP0  ⍝I found this function looking through the pop
... up Dyalog Keyboard and I modified with the help of StackOverflow
[4]    STEP11←↑STEP1
[5]    ONELINE←(,STEP11)
[6]    MASK←⍴ONELINE
[7]    INDEXER←(MASK⍴1 0)/ONELINE  ⍝ This is from our manual, page 75 where
... it shows the bitmask for numbers up to 10
[8]    FREQTABLE←(MASK⍴0 1)/ONELINE
[9]    MAN←⍴STEP11  ⍝ I need the length of the data structure on one line
...this ensures the variable amount won't mess things up
[10]   MAN←MAN[2]   ⍝ MAN contains the dimensions of the jagged array, by
...taking the 2nd index of the dimension it accounts for the variable shape
... of the matrix
[11]   PART1←GLOBAL MAN 1⍴INDEXER  ⍝ lines 11 and 12  allows me to separate
... the vectors into indices are frequency
[12]   PART2←GLOBAL MAN 1⍴FREQTABLE
[13]   EXPONENTS←100*(PART2)
[14]   INTANSWER←EXPONENTS×(PART1)
[15]   ALMOST←INTANSWER÷10000  ⍝ This normalizes my function to fit the
...scoring criteria
[16]   ((1>,ALMOST)/,ALMOST)←0       ⍝SINCE removing the number 0, which
...can also be character '0' it messes things up I bypass this by dropping
...any elements less than 1
[17]   RESULT←+/[2]ALMOST         ⍝this adds amoung the columns to get the
...score
[18]   RESULT←RESULT,DISP           ⍝this adds the license plate array to
...the function with the scores
[19]   RESULT1←RESULT                ⍝ the function returns the score
```