Student ID number:

name starts with: (A-D) = 0
And ends w/?       (E-H) = 1
                   (I-L) = 2
                   (M-Q) = 3  } First number
                   (R-U) = 4
                   (V-Z) = 5

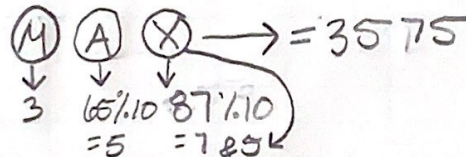step1

★ This also helps with searching. If you're looking for Dianne, you know to only look for #'s starting w/ 0
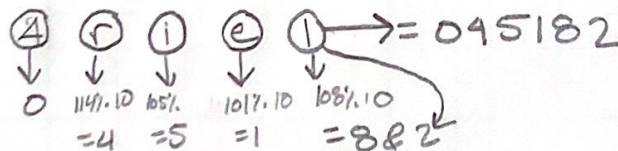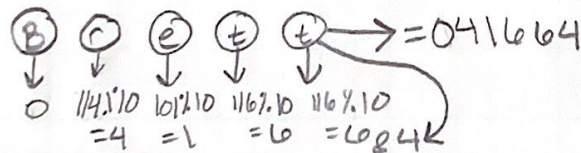
Each letter = ascii value (this allows punciation to
        mod 10             be eased & accounted for

$$A - Z = 65 - 90$$
$$a - z = 97 - 122$$

(M) (A) (X) ——→ = 3575
 ↓   ↓   ↓
 3  65%10 87%10
    =5   =7 & 5k

Hopefully by assigigning the first letter to somethin fixed, it helps eliminate collisions

(B) (r) (e) (t) (t) ——→ = 041664
 ↓   ↓   ↓   ↓   ↓
 0  114.5%10 101%10 116%10 116%10
    =4      =1     =6     =6 84k

(A) (r) (i) (e) (l) ——→ = 045182
 ↓   ↓   ↓   ↓   ↓
 0  114%.10 65%. 101%.10 108%.10
    =4     =5    =1      =8 & 2

Possible isues

- modulus 10 makes anything that's ascii code ends in the same # will end in the same %10
  ex.
  $$i = 105 \% 10 = 5 \text{ AND } s = 115 \% 10 = 5$$