

Question:

Look at the punch card, why are there no small letters?/ Why can the key punches only type big letters? (Given context: 1 byte = 8 bits. For 1401, one bit is Word Mark, the other is Check Bit. The rest is for data storage.)

Hint 1: 2 to the 6th power equals to 64. Count all the possible characters. What's the total number? What is left if 64 is minus by that number?

Hint 2: Compare the number with the total number of alphabets.

of your group +2: no hint at all

of your group +1: 1 hint given

Number of your group cards: 2 hints given

In 12/8 Homeschooler's group, we didn't strict their number of cards to be punched, each of them got their name punched. Yet when the group is bigger, the kids are middle/high schoolers, we can try this more competitive approach.