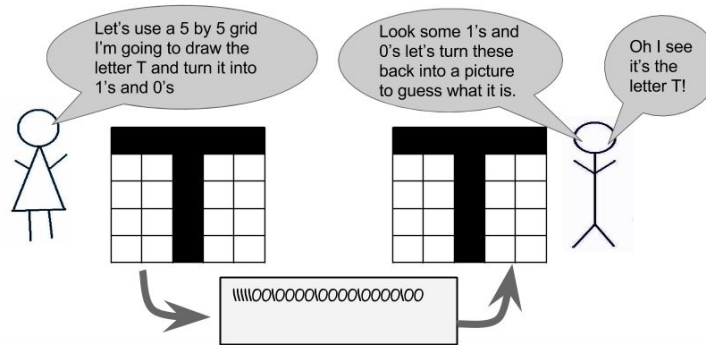


Human Pictionary App

Let's make a pictionary app without using computers!

Draw a picture for a team to decode

1. Choose something to draw from one of the cups
2. Pick up a blank grid to draw it on
3. Draw the picture on the grid
4. Translate the image to 0's and 1's on a blank bit of paper
5. Give it to your friend to guess (tell them what sized grid to use)



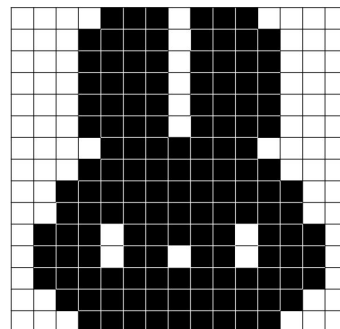
Guess the other team's picture

1. Pick up the correct grid size for your friends picture
2. Translate the 1's and 0's back to a picture. (1's for black squares, 0's for white squares)
3. Guess what the picture is.
4. Ask your friend if you are correct!

Big grids need to be run length encoded

Encoding

1. Draw the image
2. Starting with white write how many white and black squares are in each row in order
3. Write those numbers not the 0s and 1s
4. Only write one digit for each colour. Cheat with letters for two digit numbers



43134-34143-34143-34143-
34143-34143-474-393-2B2-
2B2-131513-13121213-1D1-
2B2-393

Decoding

1. Draw the image from the code starting with white
2. Colour in each black square the number described
3. Remember that A = 10, B = 11

0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
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