**ctc\_assignment1**

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**\*\*\*** [**reverse OCR**](https://twitter.com/reverseocr) **\*\*\***

“a bot that picks a word and then draws randomly until an OCR library reads that word” – posted to Twitter

2 people

pile of letters (in whatever form)

*rules*

1. one person thinks of a word
2. the other randomly draws letters from the pile until that letter corresponds to the first letter of the chose word. the first player will notify the second when this happens
3. the second player places that letter down and repeats with remaining letters, placing them down in order, until the entire word is spelled out
4. document however you want

*what i wrote down*: word generator, ‘random’ drawing (with constraints), letter recognition; requires one letter at a time; drawing from a constrained pile; documentation can take any form

*what i didn’t write down*: word generator as bot; real random drawing; OCR library as reader; does not post to twitter; repeat four times a day; does not specify what form the pile of letters should take

*explicit instructions*: see above

*implicit instructions*: do not remove or misplace any letters; assuming enough letters in pile to complete the generated word; assuming an english word; case is not specified; no real instructions for after word is recognized

*computer instructions*: generate a word; create a canvas to draw on; draw until word (or letter) recognized by OCR (case considered?); save each drawing; post final result to twitter; repeat four times a day