

Next few days

- put rough letter-grade cutoffs on HW descriptions in Canvas (one's graded)

Each weekly worth some amount.

Expect monthly @ end of week, due a week later.

(Note to self: get more stuff graded - more problems completion only to get it done.)

Artificial Intelligence, Neural nets;

Large language models

What?

non biological mechanism which exhibits the properties of intelligence

intelligence vs behavior

qualitative calculator
compute with non formal things

problem solving - applying existing information to new hypothetical situations.

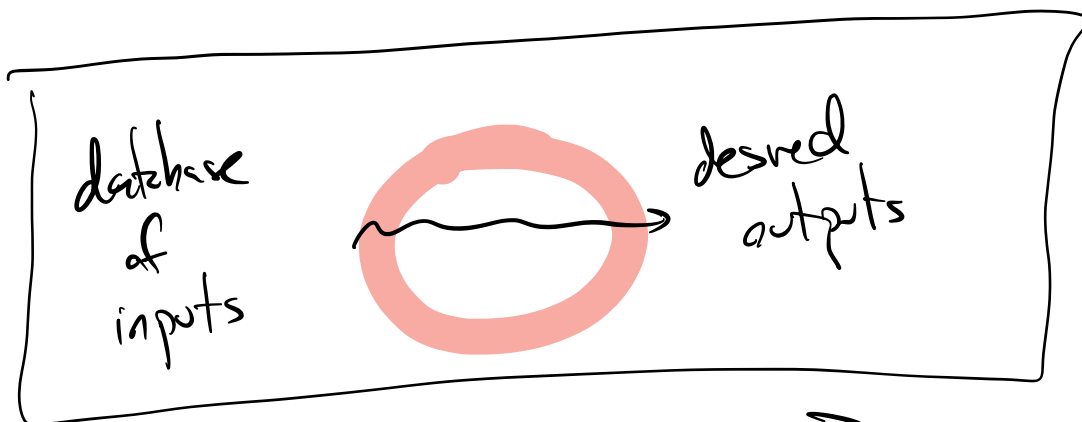
should be able to adapt & learn.

why?

- Summarizing texts

LLM \rightarrow text predictor

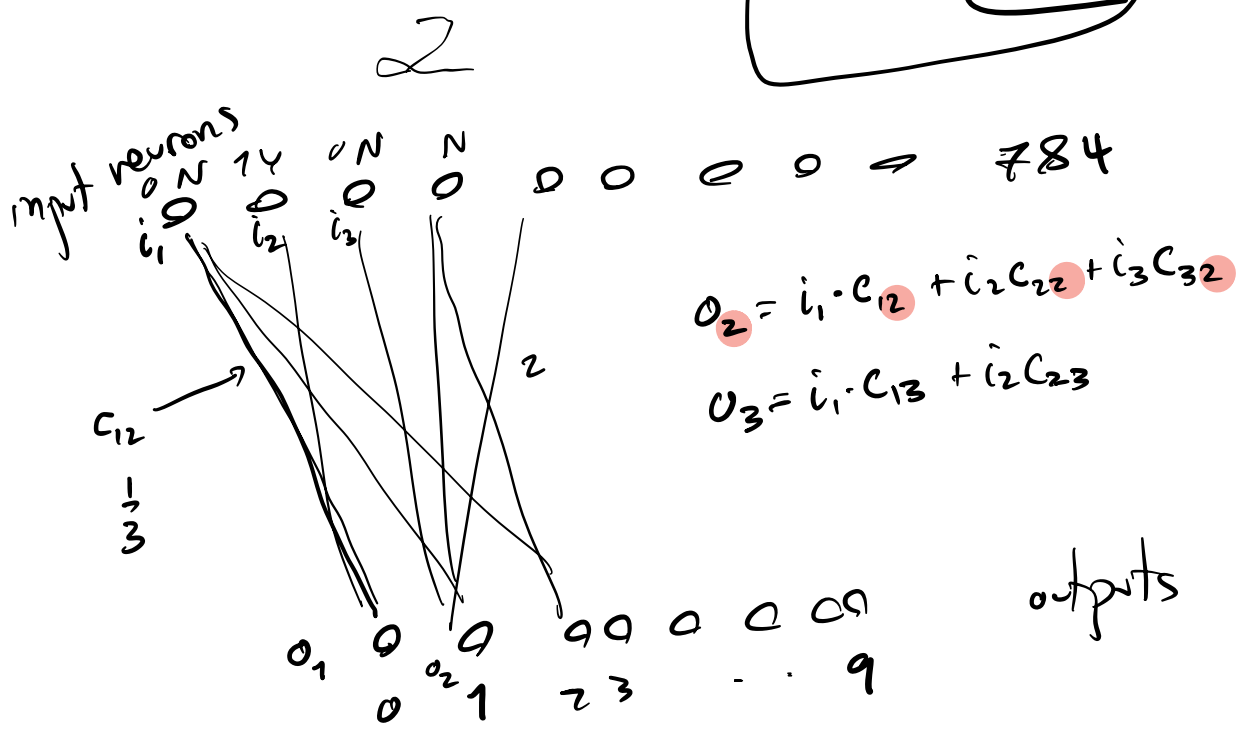
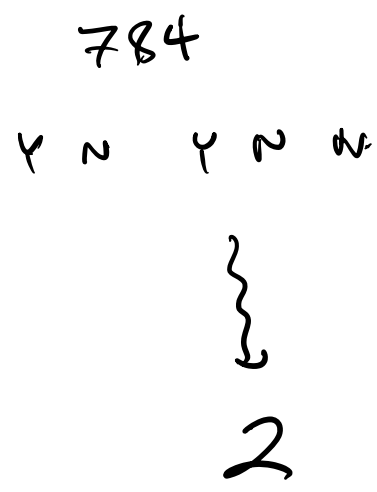
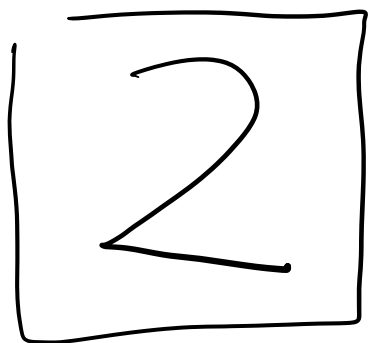
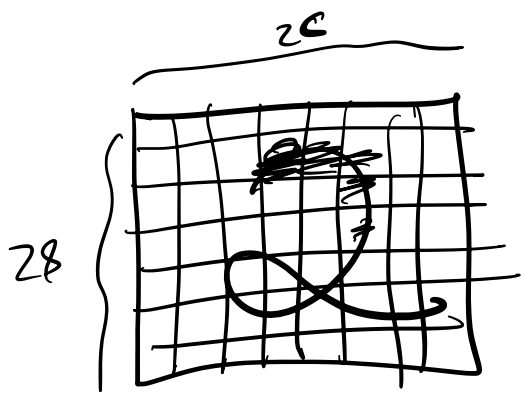
- simple programs to exhibit how effective text prediction is

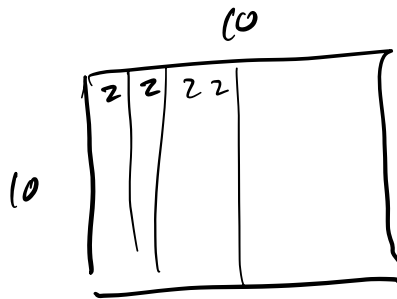
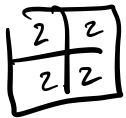
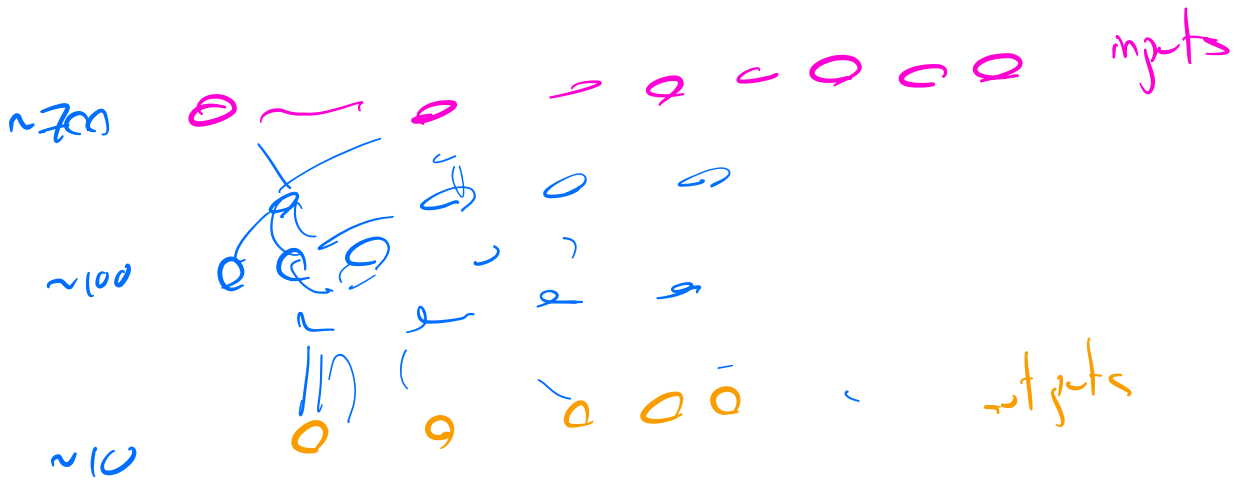
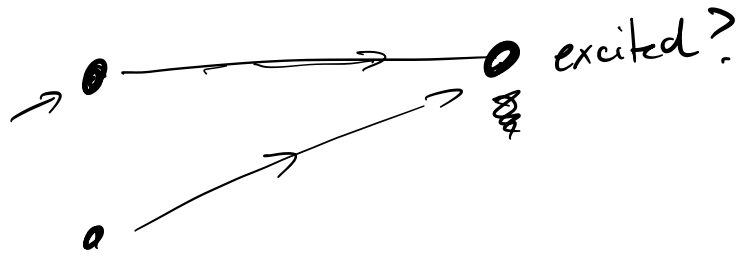


new inputs \rightarrow \rightarrow

i1 \rightarrow o1

i2 \rightarrow o2





2^{100}

- hsk 2^3
- kb 2^6
- sh 2^9
- tb 2^{12}
- pb 2^{15}