Example A0 poster

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Turing stuff

I propose to consider the question *Can machines think?* This should begin with definitions of the meaning of the terms machine and think. The definitions might be framed so as to reflect so far as possible the normal use of the words, but this attitude is dangerous. If the meaning of the words machine and think are to be found by examining how they are commonly used it is difficult to escape the conclusion that the meaning and the answer to the question is to be sought in a statistical survey such as a Gallup poll. But this is absurd. Instead of attempting such a definition I shall replace the question by another, which is closely related to it and is expressed in relatively unambiguous words.

The question and answer method seems to be suitable for introducing almost any one of the fields of human endeavour that we wish to include. We do not wish to penalise the machine for its inability to shine in beauty competitions, nor to penalise a man for losing in a race against an aeroplane. The conditions of our game make these disabilities irrelevant. The witnesses can brag, if they consider it advisable, as much as they please about their charms, strength or heroism, but the interrogator cannot demand practical demonstrations.

Comparisons

- Suppose we have a list with 5 elements.
- Best case scenario: list already sorted.
- Worst case scenario: list reverse sorted.

$$[1, 2, 3, 4, 5]$$

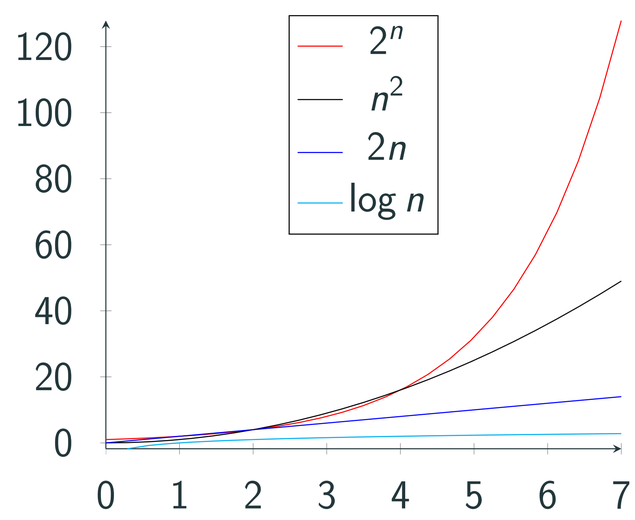
$$[5, 2, 1, 4, 3]$$

$$[5, 4, 3, 2, 1]$$

Example table

Input	Algorithm A	Algorithm B
(1,2,3)	1ms	1ms
(1,3,2)	1ms	5ms
(2,1,3)	2ms	4ms
(2,3,1)	2ms	5ms
(3,1,2)	2ms	5ms
(3,2,1)	10ms	4ms
Average	3ms	4ms
Worst	10ms	5ms

Plot



Example of a figure

Figure 1: A figure

Coooooddde

```
function is_prime(n) {
  for (var i = 2; i < n; i++) {
    if (n % i == 0)
      return false;
  }
  return true;
}
```

References

– GMIT, "Galway-mayo institute of technology."