

Turing Machine Exercise

- 1) Why are Turing machines important in computing?
- 2) What is a Universal Turing Machine?
- 3) Why is a Turing machine considered to be an interpreter?
- 4) Why is a Turing machine more powerful than a real computer?
- 5) What is the relation between an algorithm and a Turing machine?
- 6) Why can a Turing machine not solve the Halting problem?
- 7) What are the limitations of a Turing Machine?