Exercise on Lecture 4

正确答案以加粗显示

1. Which of the following factor is not one of the three factors that makes an algorithm?

    a. Finiteness

    b. Definiteness

    c. Adaptedness

    d. Effectiveness

2. Who created Difference Engine?

    a. Ada Lovelace

    b. Charles Babbage

    c. George Boole

    d. Alan Turing

3. (True of False) Alan Turing built the Turing machine which is the abstract model of all computers.

    a. True

    b. False

4. What is the feature of a difference machine?

    a. a steam-driven calculating machine

    b. Carries out logic operations

    c. is the first generation of computers

    d. was created by Ada Lovelace

5. What is Claude Shannon's contribution in the history of computer and algorithms?

    a. Built the first all-electronic digital computers

    b. Developed the Boolean Logic

    c. He was the first programmer

    d. He discovered the connection between Boolean logic and the switching circuits

6. What is the "generation 2 computers"?

    a. IC computers

    b. Transistor computers

    c. VLSI computers

d. Vacuum tube computers

7. When was the first electronic computer, ENIAC was invented?

   a. 1946

   b. 1959

   c. 1950

   d. 1945

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