

1. In a binary system a positive number has a sign bit of \_\_\_\_\_, while the negative number has a sign bit \_\_\_\_\_.

0, 1

2. In what ideal order are multiple interrupts being handled in computer system?

Sequential

3. What is overflow?

when the sum of two occupies  $n + 1$  digit.

4. \_\_\_\_\_ causes the CPU to temporarily transfer its control from a currently executing program to a different program

Interrupt

5. Find 1's and 2's complement of 1010 ?

0 1 0 1 / 0 1 1 0

6. Which CPU register keeps track of the instruction that is to be fetched next?

program counter

7. In a Computer \_\_\_\_\_ method, the decimal position is assumed either at the beginning or at the end of a number.

Fixed Point representation

8. The instruction cycle consists of the \_\_\_\_\_

fetch cycle and the execution cycle

9. \_\_\_\_\_ provides a very simple way for adding and subtracting two numbers in many computers.

Signed 2's complement

10. Find the even bit for 1111111, 7-bit binary data?

1

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