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1.Can a machine with a single DNS name have multiple IP addresses? How could this occur?

Answer : Yes. If a machine has two Ethernet card, it can be on two separate networks and so it needs two IP addresses.

2.A binary file is 4560 bytes long. How long will it be if encoded using base64 encoding , with a CR+LF pair inserted after every 110 bytes sent and at the end?

Answer : According to 3bytes as a group, 4560 / 3 = 1520 groups

3 bytes of 1520 groups are padded into 4-byte/group to be 1520*4 = 6080bytes and Ceil(6080/110) = 56, need 56CRS+56LFS, total = 6080 + 112 = 6192 Bytes.

3.When Web pages are sent out, they are prefixed by MIME headers. Why?

Answer : The MIME header specifies the data type of the resource, browser needs to use this header to know whether the data type is text, video, audio or others type.

4.How do you make an image clickable in HTML? Give an example.

Answer : Use <img> tag and add onclick method,

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