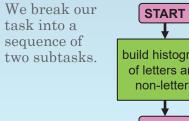


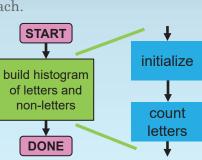
slide 3

The First Step: Break the Task into a Sequence of Two

The first decomposition step is clear from the high-level approach.



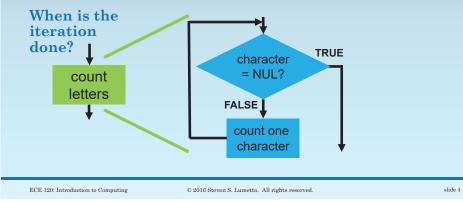
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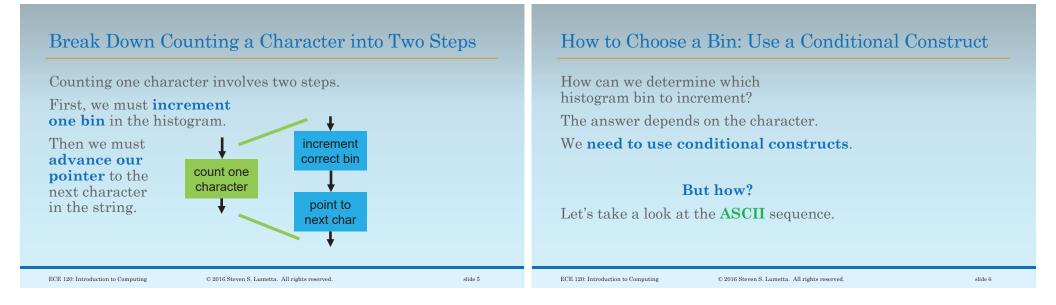


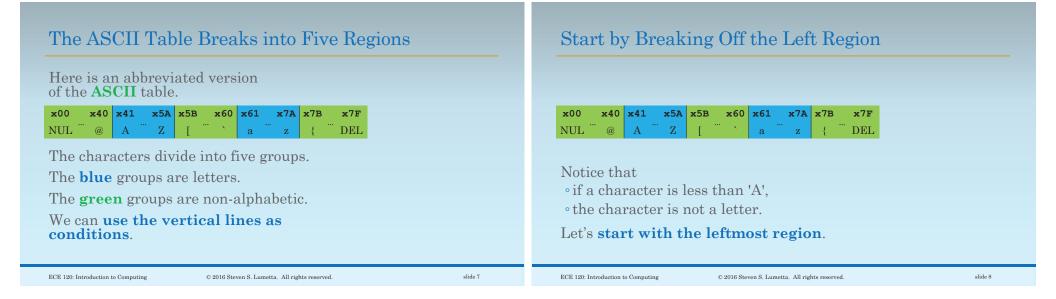
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The Second Step: Count by Iterating Over Characters

Next, break down counting into an iteration.

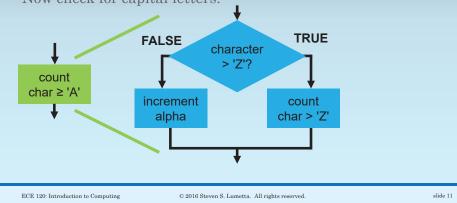




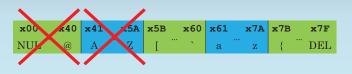








Continue with Characters in the Middle Region



We know that the character is at least '[.' $% \mathcal{A}_{\mathcal{A}}$

What's left?

Let's handle the middle region next.

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