

ESSENTIAL QUESTIONS

U

Understand

What are the **inputs** and **outputs**?

What are the **constraints**?

What is the **topic** of the challenge? **Algorithm/Data
Structure/Both?**

What's the **relationship** between inputs & outputs?

What are you **expected to do** in this problem?

P

Plan

What **tools** do you need to **manipulate the input or output**?

Am I missing anything?

Do I understand **how to use** those tools?

Do we have **tools to make conditional statements** for input to become output?

If we have the tools, what are the **steps to solve the problem**?

E

Execute

DID I

Can I convert most of my plan into psuedocode?

declare variables with the correct type?

follow the syntax of the language, the conditional statements and the tools?

close all my brackets and parentheses?

have proper indentation and spell correctly?

({{}})

R

Reflect

Did you code **pass all the test cases?** ✓

Is there a different solution with **better runtime**?

Can someone who has not seen your code before be able to read it and **understand it at their first read**?

Any alternative solution or improvement for **code readability**?