* Read and **understand** programming **problem** statements. Ask questions.
* **Identify edge cases** for the problem
* **Define** effective **test case**(s) and expected result(s) for program
* **Design** one **algorithmic solution** on paper (or whiteboard)
* **Analyze** the **time** and space **complexity** of the solution
* **Write** nearly correct **code on paper** (or whiteboard) to solve problem
* **Explain** your algorithm/**program** to others
* **Simulate test case** and verify your program produces correct results
* Maybe, **implement, test**, and demonstrate correct function of the solution

**Identify edge cases** for the problem:

**Define** effective **test case**(s) and expected result(s) for program:

**Design** one **algorithmic solution** on paper (or whiteboard, or a text file.) put the screenshot or text here:

**Analyze** the **time** and space **complexity** of the solution:

**Write** nearly correct **code on paper** (or whiteboard, or text file) to solve problem:

**Explain** your algorithm/programinsimple words:

**Simulate test case** and verify your program produces correct results: