Project Statement (1 page limit):

1. **Identify a research question that will utilize concepts from this class for its solution.**
    - Ideally it would be related to your experimental research or research interest, but it does not have to be research related.
    - It should be grounded in measurements taken either from experimental data/simulations/etc.
    - It can be inspired by a problem from literature but not a problem taken from the textbook.
2. **Write a project statement. It should address the following:**
    - Motivation (10 points): Why is this an important problem for you to tackle? If it is not related to your research, then articulate a connection between the solution of the transport problem and a technique that you are aware of or have come to know through this class
    - Analysis Strategy (20 points):
        - Identify the Governing Differential Equation, Boundary Conditions, and any Simplification
        - Propose an analysis strategy (numerical/computation/asymptotic analysis) - no need to solve it here
    - Validation (20 points):
        - How will you test your model? - This is where experimental data is important to compare to your solution.