

# Flat Plate Boundary Layer - Geometry

Author: Rajesh Bhaskaran, Cornell University

Problem Specification

1. Pre-Analysis & Start-Up
2. Geometry
3. Mesh
4. Model Setup
5. Numerical Solution
6. Post Processing
7. Verification & Validation
8. Part II: Flat Plate Convection

Frequently Asked Questions

Exercises

Comments

## Geometry

### Launch ANSYS and Save

The link below takes you to the Cornell IT web page which explains how to link your google drive account while using Apps on Demand.

Link: <https://it.cornell.edu/appsondemand/set-google-drive-file-stream-apps-demand>



**MAE 3240 Spring 2020:** At this point if you prefer, you can skip the geometry (step 2) and mesh (step 3) videos by downloading the file below and continuing to Model Setup (step 4) also linked below.

Completed Geometry and Mesh File: [Flat\\_Plate\\_Mesh.wbpz](#)

Model Setup Link: <https://confluence.cornell.edu/x/ak0UBw>

### Create Domain

[Go to Step 3: Mesh](#)

[Go to all FLUENT Learning Modules](#)