User Defined Functions - Exercises

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Problem Specification

- 1. Pre-Analysis & Start-Up
- 2. Geometry
- 3. Mesh
- 4. Physics Setup
- 5. Numerical Solution
- 6. Numerical Results
- 7. Verification & Validation

Exercises

Comments

Exercises

The user defined function downloaded in the first section is only applicable to cylindrical boundaries due to the definition of the lift function as a function of theta. Alter the UDF to be applicable to any surface geometry, such as an airfoil. You can call the modified function *liftFunc2*. Verify that *liftFunc2* gives the same result as the original *liftFunc* for the cylinder.

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