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**system in ANSYS, click over
the Fluid Flow (Fluent) in the
Analysis Systems.**

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contains reference information for how the physical models are implemented in FLUENT. FLUENT UDF Manual contains information about writing and using user-defined functions (UDFs). FLUENT Tutorial

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Guide contains a number of example problems with detailed instructions, commentary, and postprocessing of results.

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**Preparation Step 1: Starting
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**Multiprocessor Machine Step
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The geometry and part information has already been defined for this tutorial. You will create the initial block in this step. **1. Create the initial**

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block. Blocking > Create Block > Initialize Blocks a. Enter FLUID in the Part field. b. Select 2D Planar in the Type drop-down list. c. Click Apply. d. Enable Vertices under Blocking. 3

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button to open the FLUENT
Database Materials dialog
box. i. Select water-liquid
(h2o l >) from the FLUENT
Fluid Materials selection list.**

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Scroll down the list to find water-liquid (h2o l >). b. ii. Click Copy to copy the properties for liquid water to your model. iii.

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and the rotating blades. In this tutorial, the sliding mesh capability of ANSYS FLUENT is used to analyze the transient flow in an axial compressor stage. The rotor-stator

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