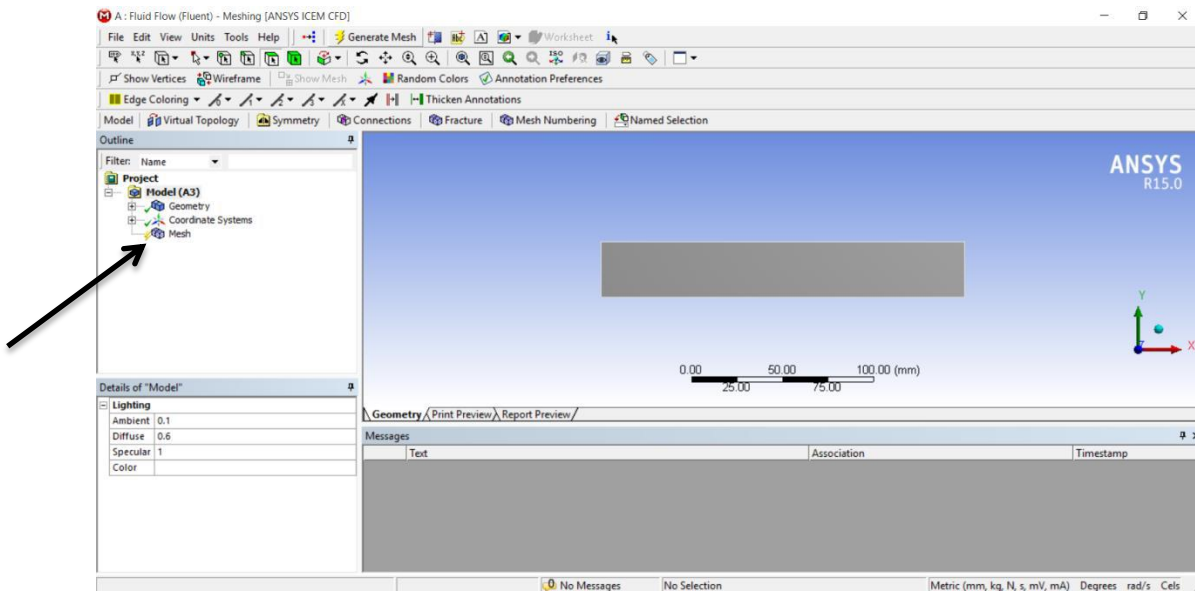
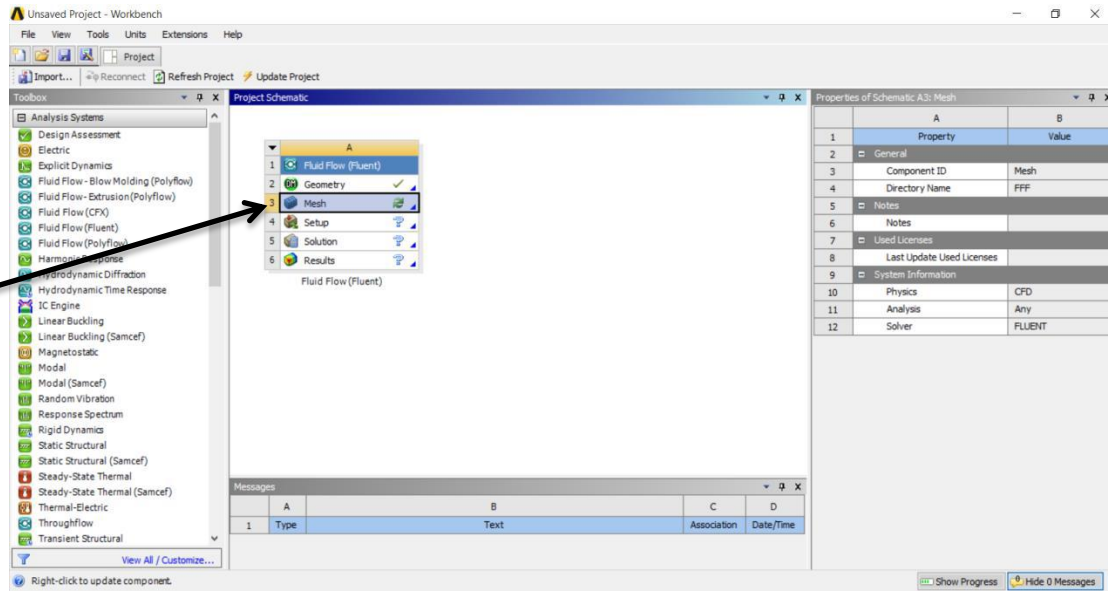


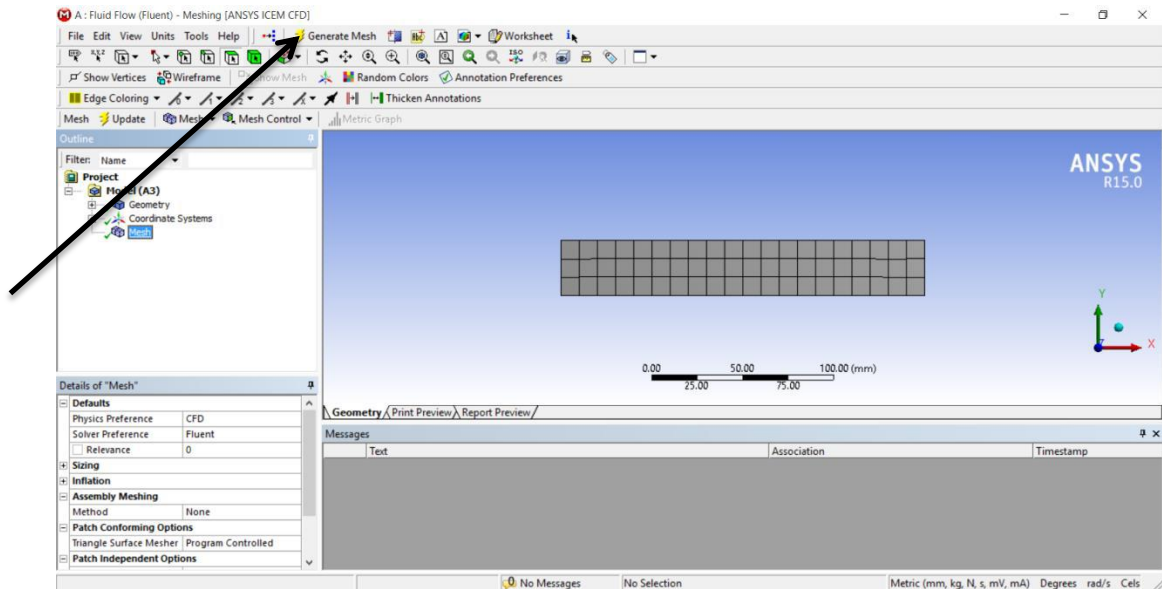


9- Analysis systems → fluid flow (fluent) → Mesh

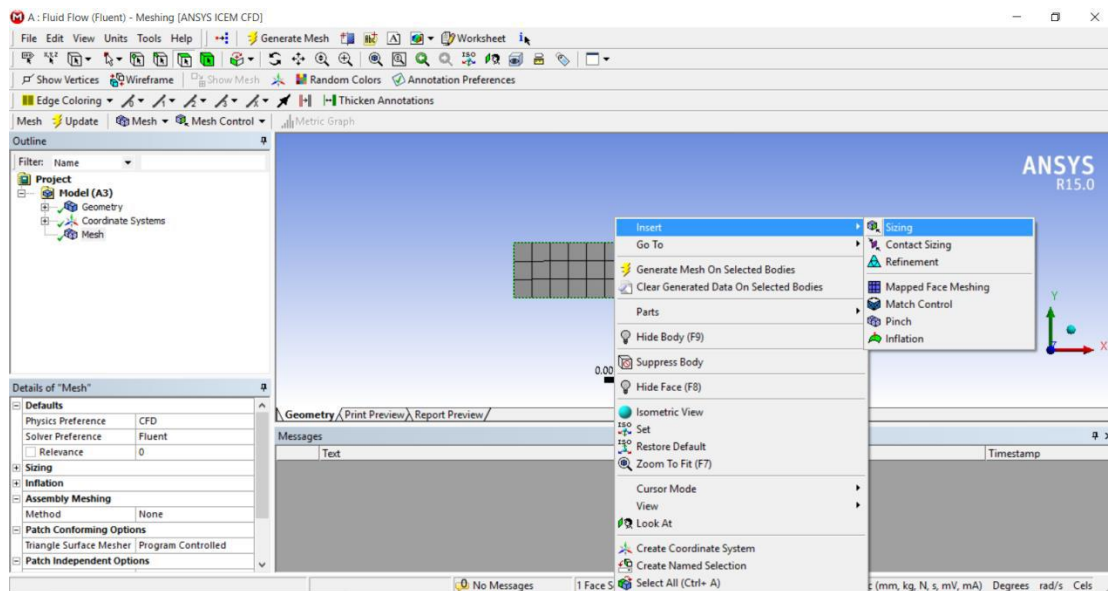




10- Mesh → generation mesh → Mesh

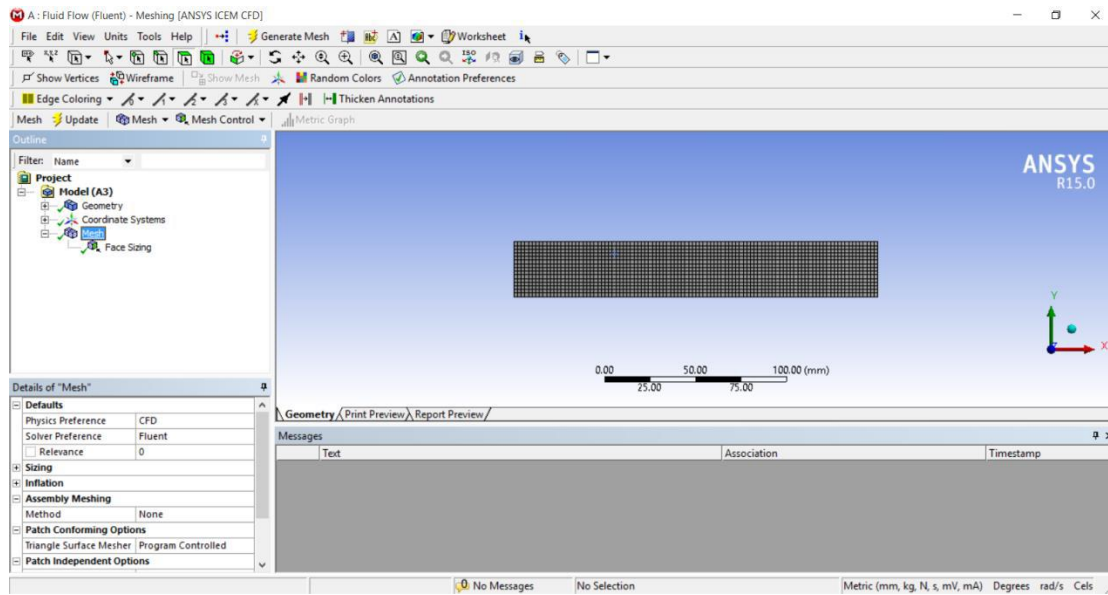
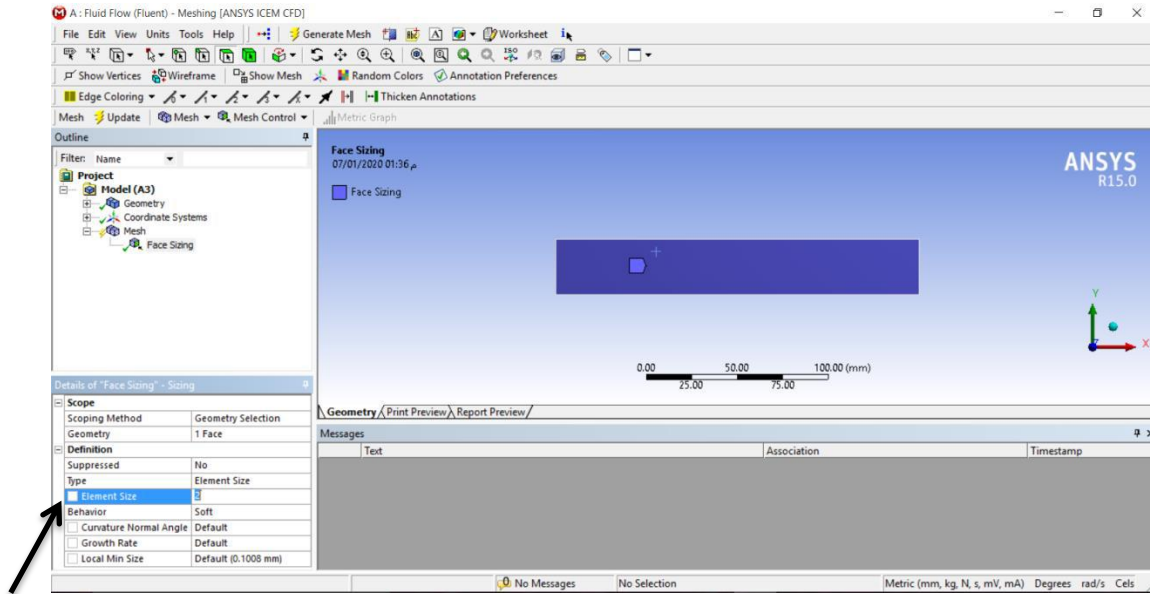


11- Select of geometry mesh (right click) → insert → sizing



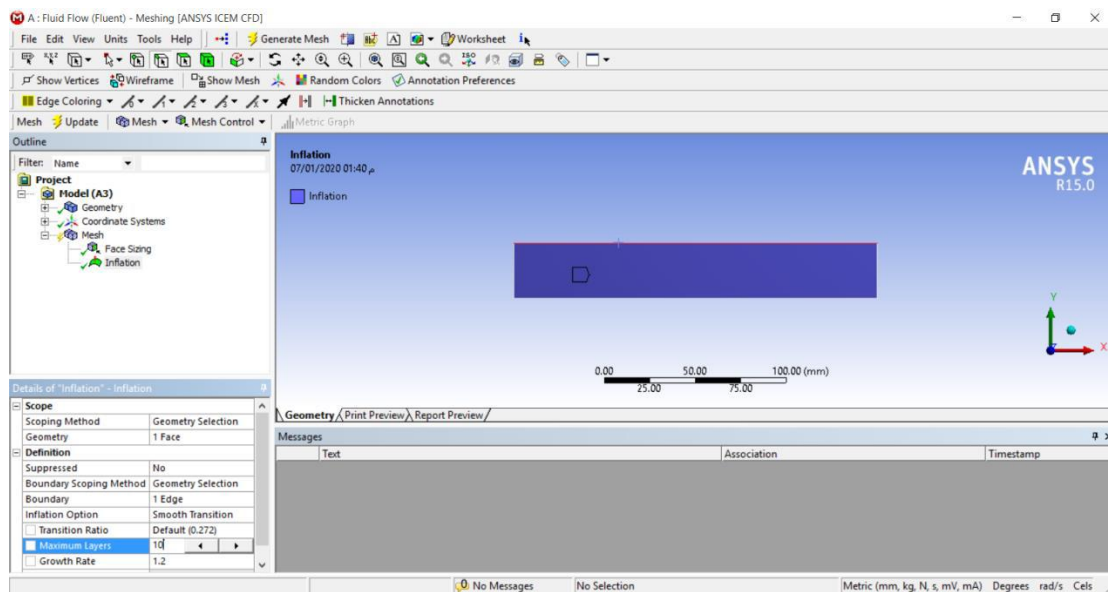
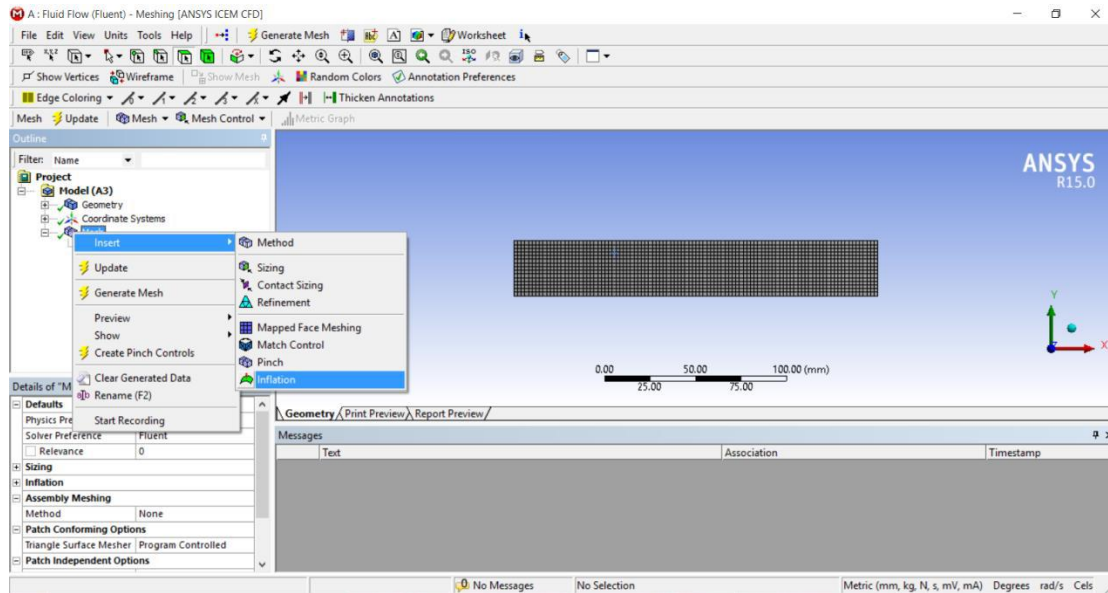


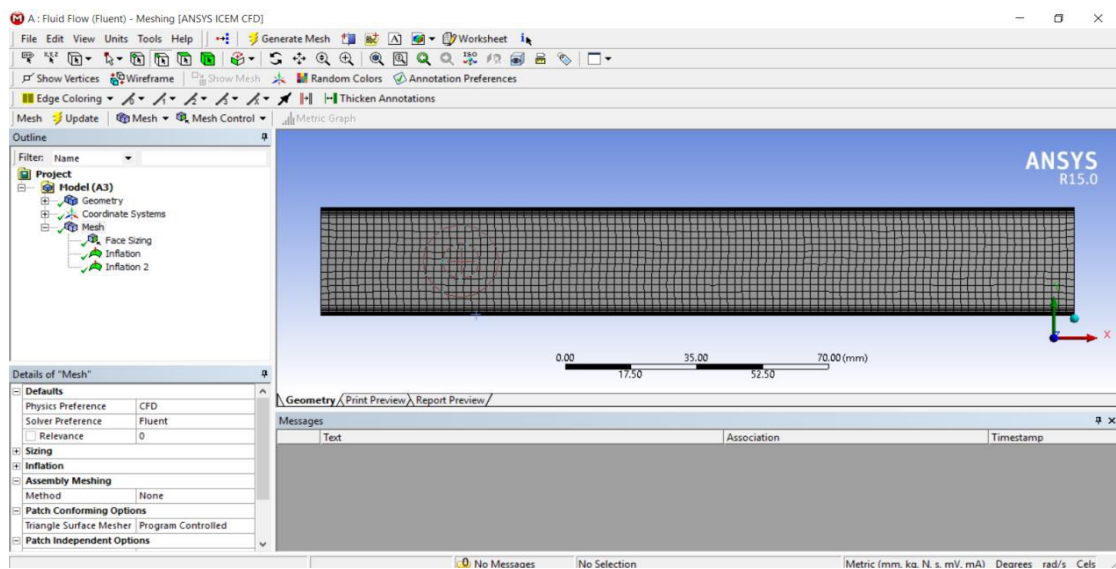
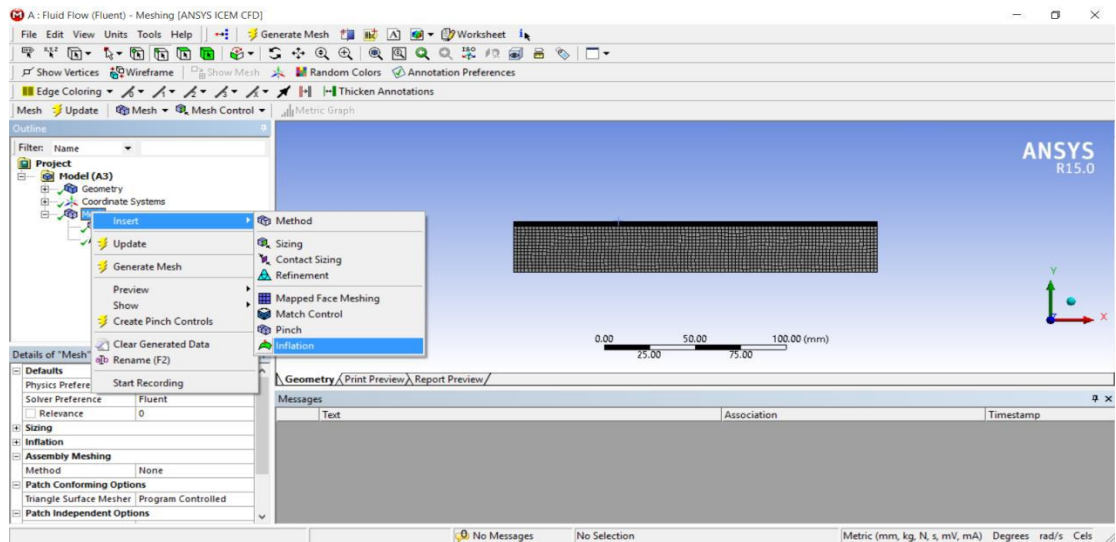
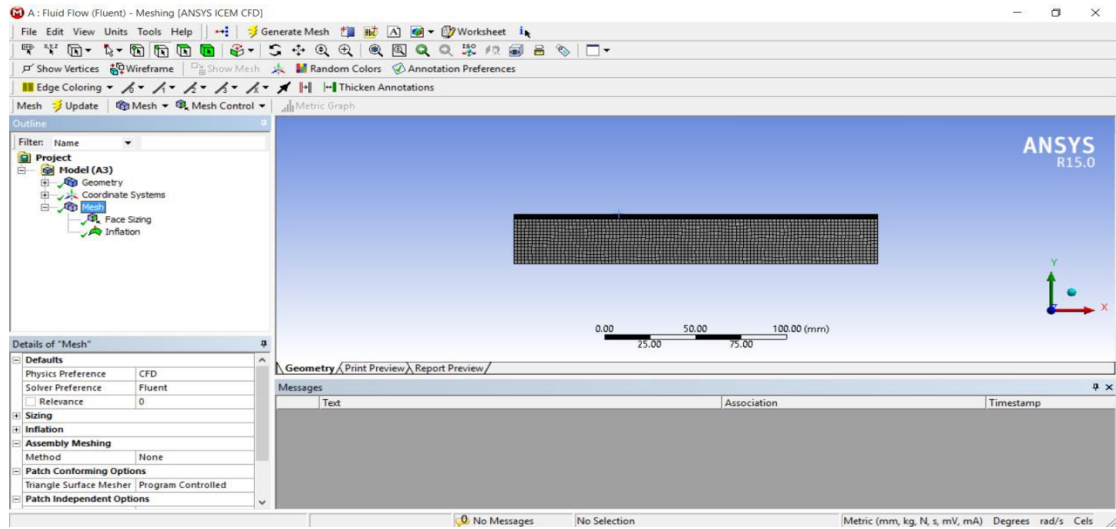
12- Select geometry  $\longrightarrow$  apply  $\longrightarrow$  element size  $\longrightarrow$  generate





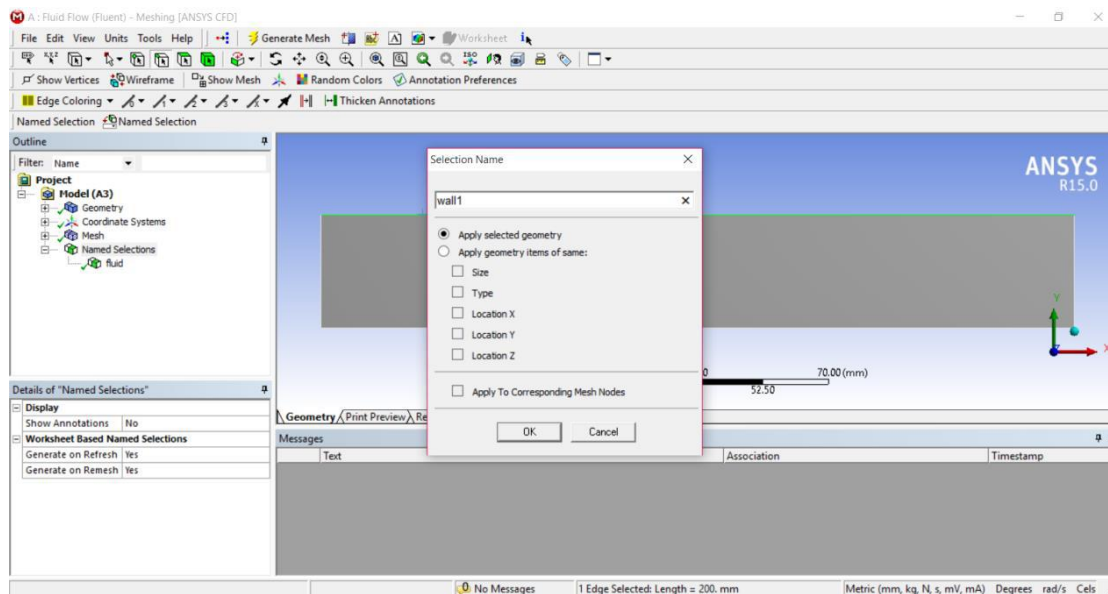
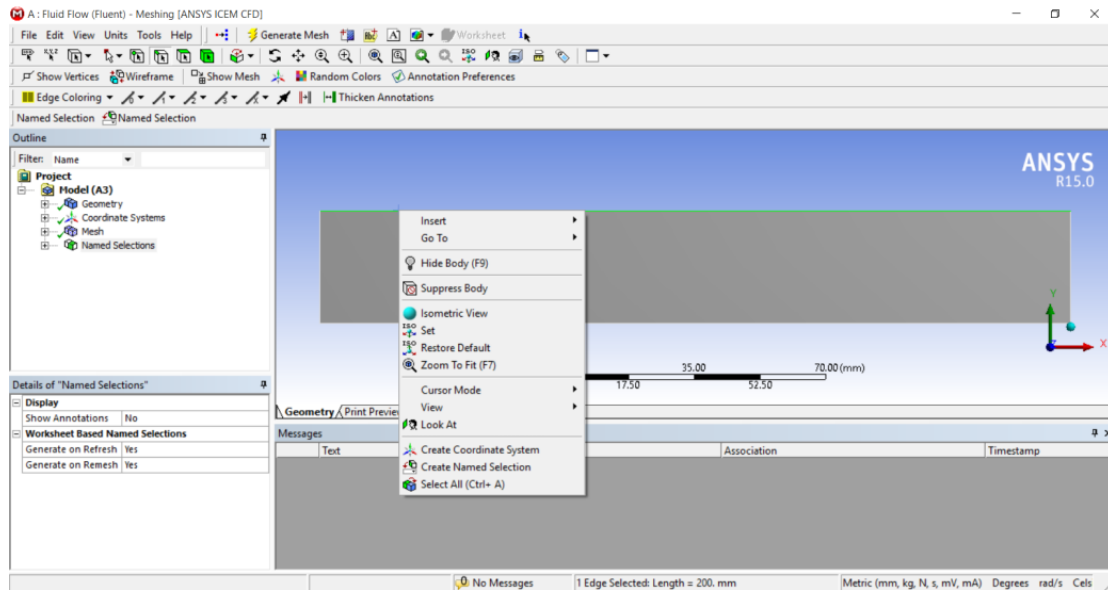
13- Mesh (right click) → insert → inflation → select geometry → apply  
→ Select Boundary → apply → Maximum layers → generate (repeat this  
steps for all boundaries) → close





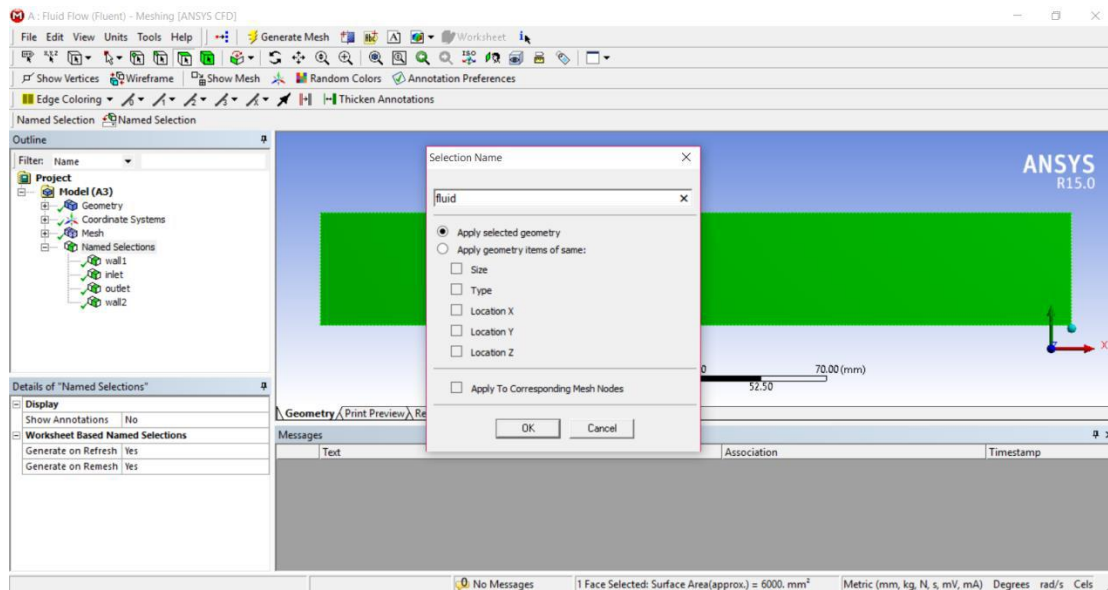
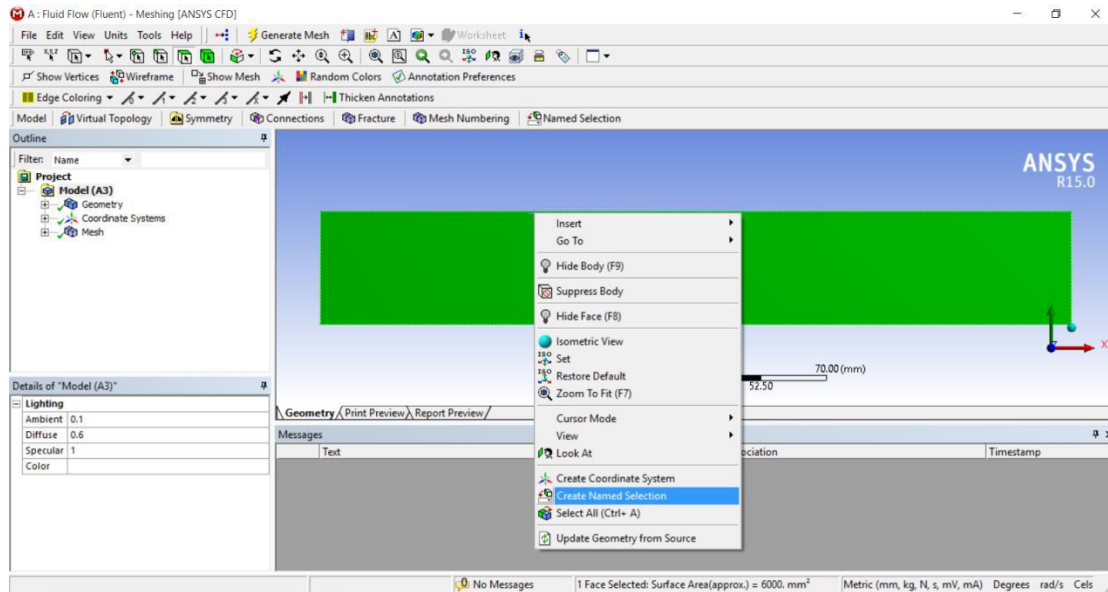


14- Select Boundary (right click) → create named selection → ok



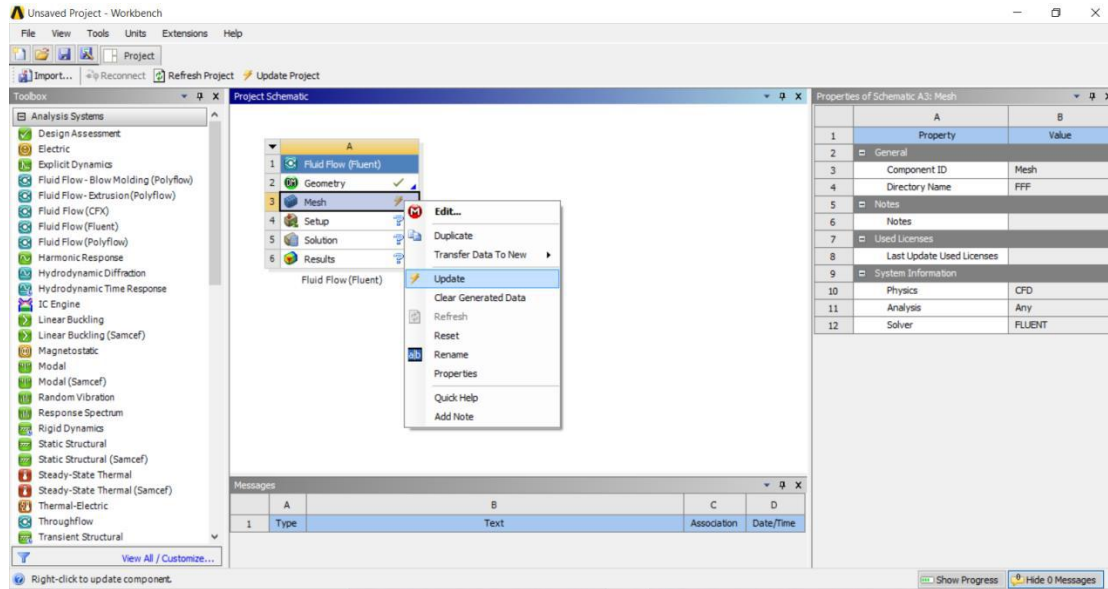


15- Select fluid (right click) → Create named selection → ok

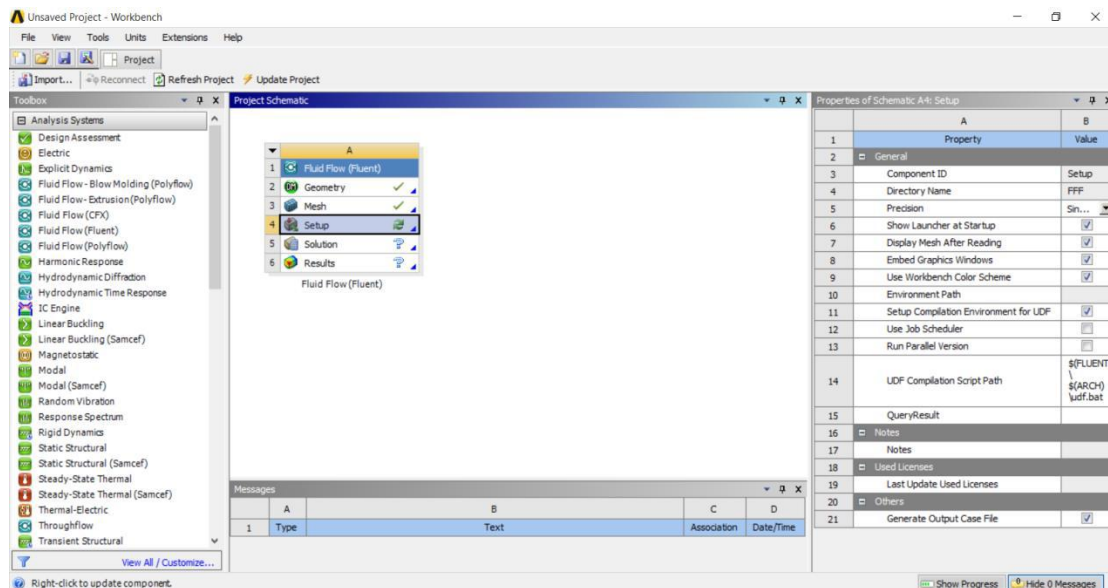




16- Mesh (right click) → update



17- Analysis systems → fluid flow (fluent) → setup







The screenshot displays the ANSYS Workbench environment. The 'Project Schematic' window shows a workflow with six steps: 1. Fluid Flow (Fluent), 2. Geometry, 3. Mesh, 4. Setup, 5. Solution, and 6. Results. The 'Fluent Launcher (Setting Edit Only)' dialog box is open, showing configuration options for the simulation. The 'Dimension' is set to 2D. Under 'Options', 'Double Precision' and 'Use Job Scheduler' are unchecked, while 'Use Remote Linux Nodes' is checked. 'Display Options' includes 'Display Mesh After Reading' (checked), 'Embed Graphics Windows' (checked), and 'Workbench Color Scheme' (checked). 'Processing Options' are set to 'Parallel (Local Machine)' with 4 GPGPUs per Machine. The 'UDF Compilation Script Path' is set to '%FLUENT%\\$ARCH%\udf.bat'. The 'Messages' window at the bottom shows a table with columns A, B, C, and D, and a row with values 'Type', 'Text', 'Association', and 'Date/Time'. The 'Schematic A4: Setup' window is also visible, showing a table with columns A and B, and rows for 'Property' and 'Value'.

Property	Value
Component ID	Setup
Directory Name	FFF
Precision	Sim...
Show Launcher at Startup	<input checked="" type="checkbox"/>
Display Mesh After Reading	<input checked="" type="checkbox"/>
Embed Graphics Windows	<input checked="" type="checkbox"/>
Use Workbench Color Scheme	<input checked="" type="checkbox"/>
Environment Path	
Setup Compilation Environment for UDF	<input checked="" type="checkbox"/>
Use Job Scheduler	<input type="checkbox"/>
Run Parallel Version	<input type="checkbox"/>
UDF Compilation Script Path	%FLUENT%\\$ARCH%\udf.bat
Query/Result	

A	B	C	D
Type	Text	Association	Date/Time