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Computer Applications in Mining Engineering

Lecture (5)

Dr. Ahmed Mahmood

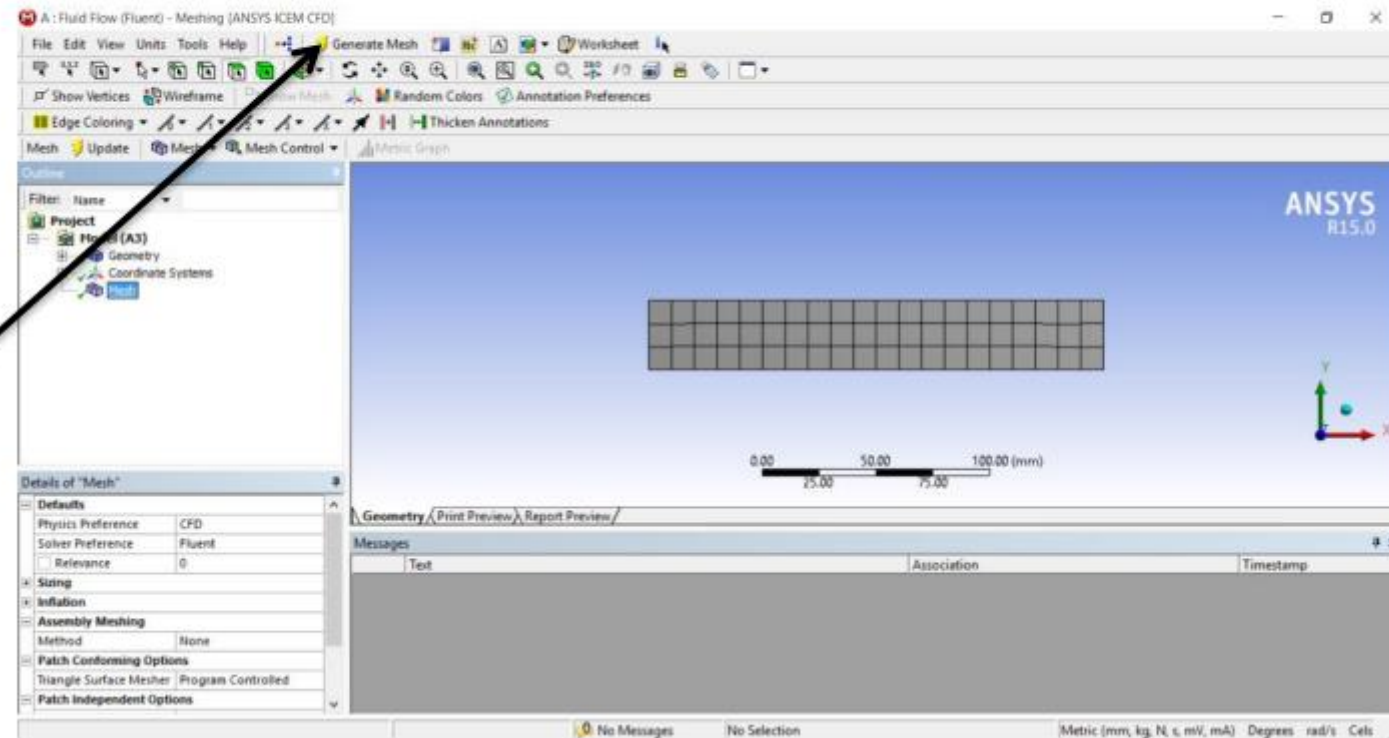
Shahad Salim Ibrahim

Mining Engineering Department

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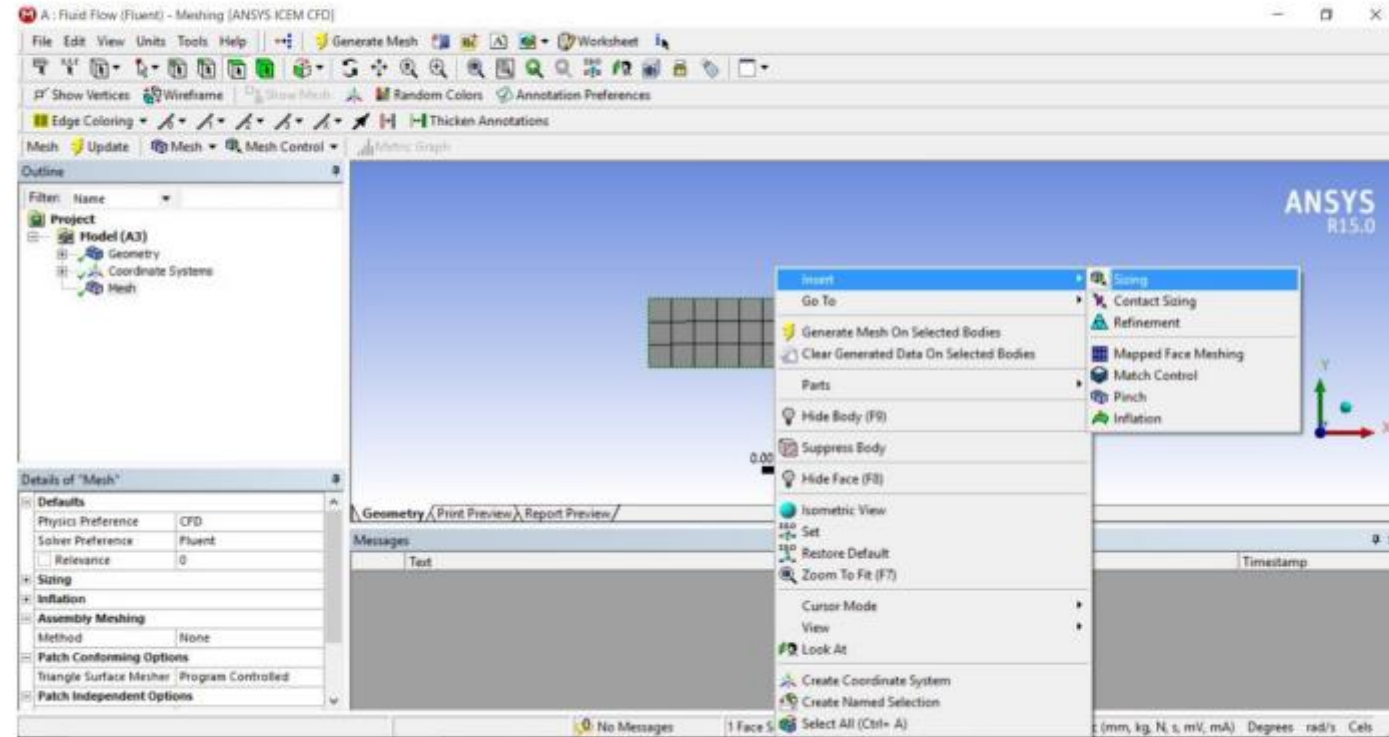
10- Mesh → generation mesh → Mesh



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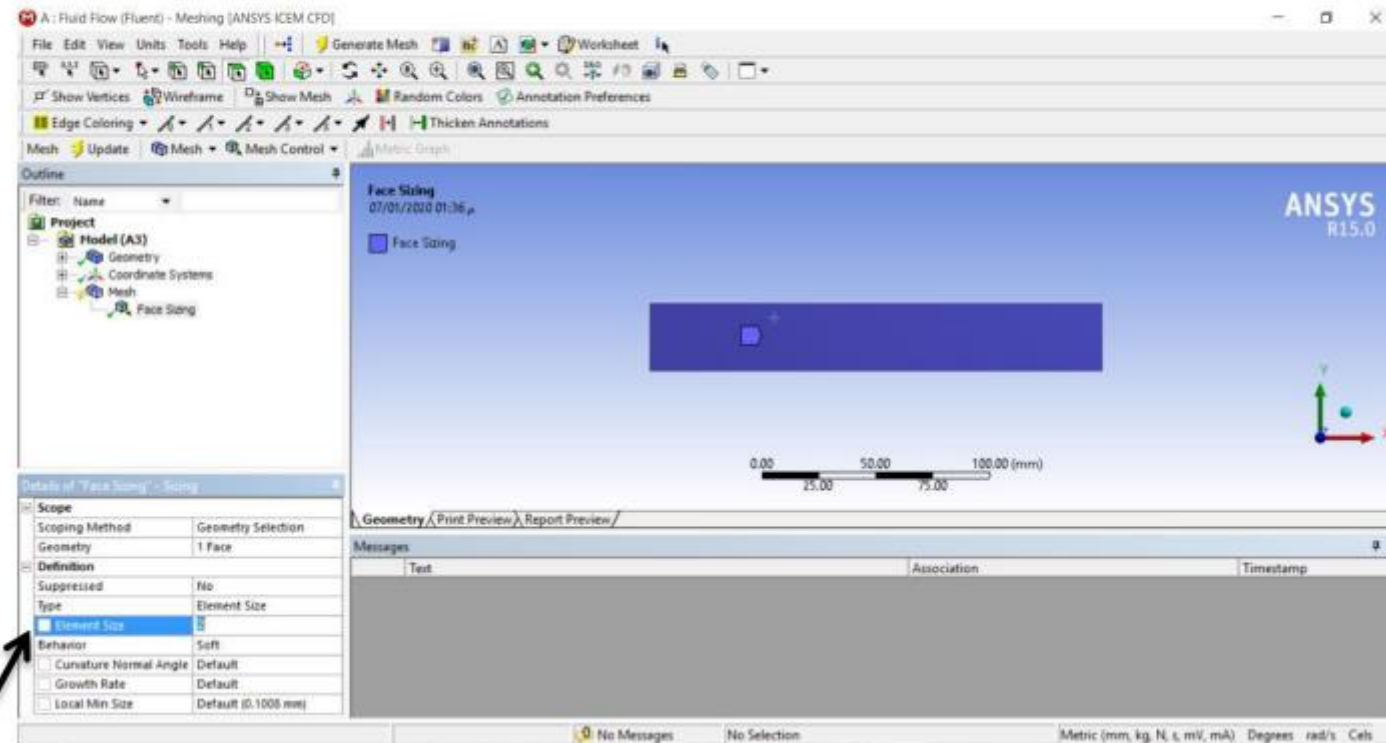
11- Select of geometry mesh (right click) → insert → sizing



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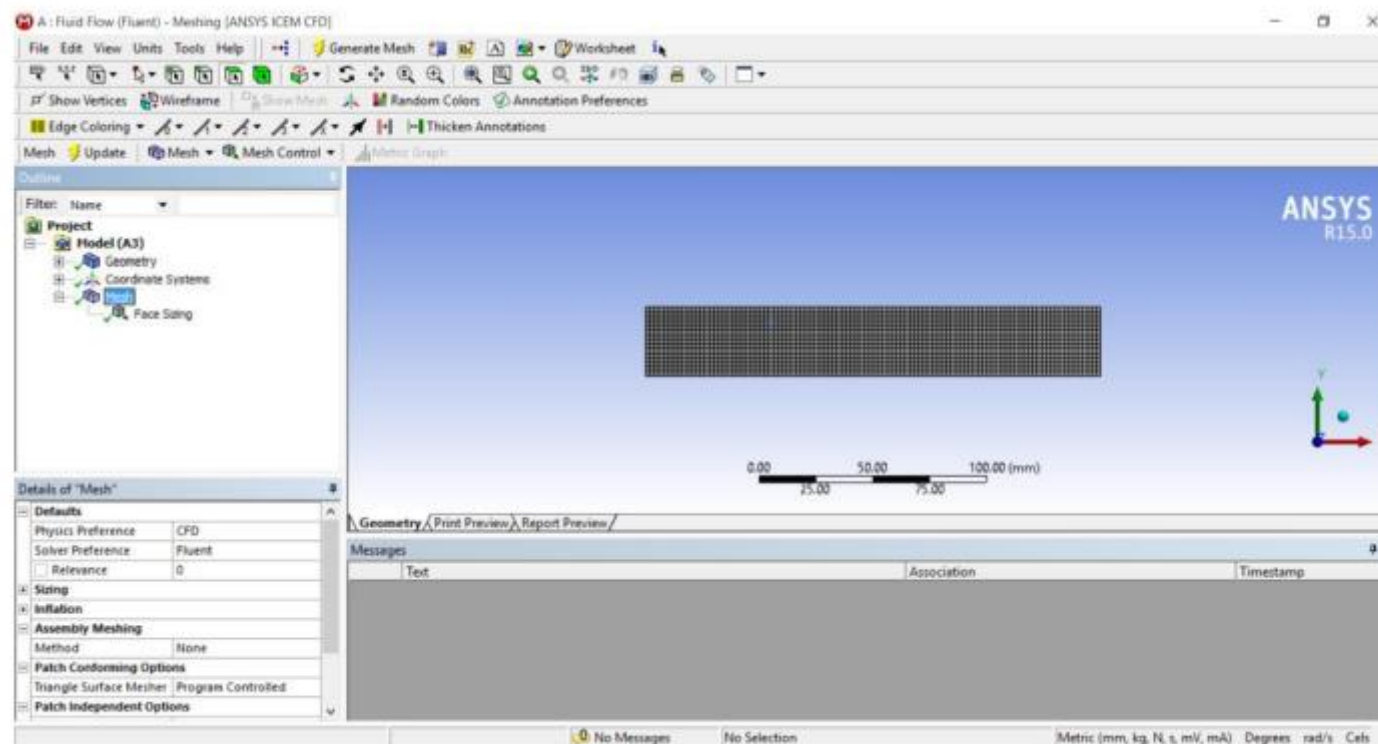
12- Select geometry → apply → element size → generate





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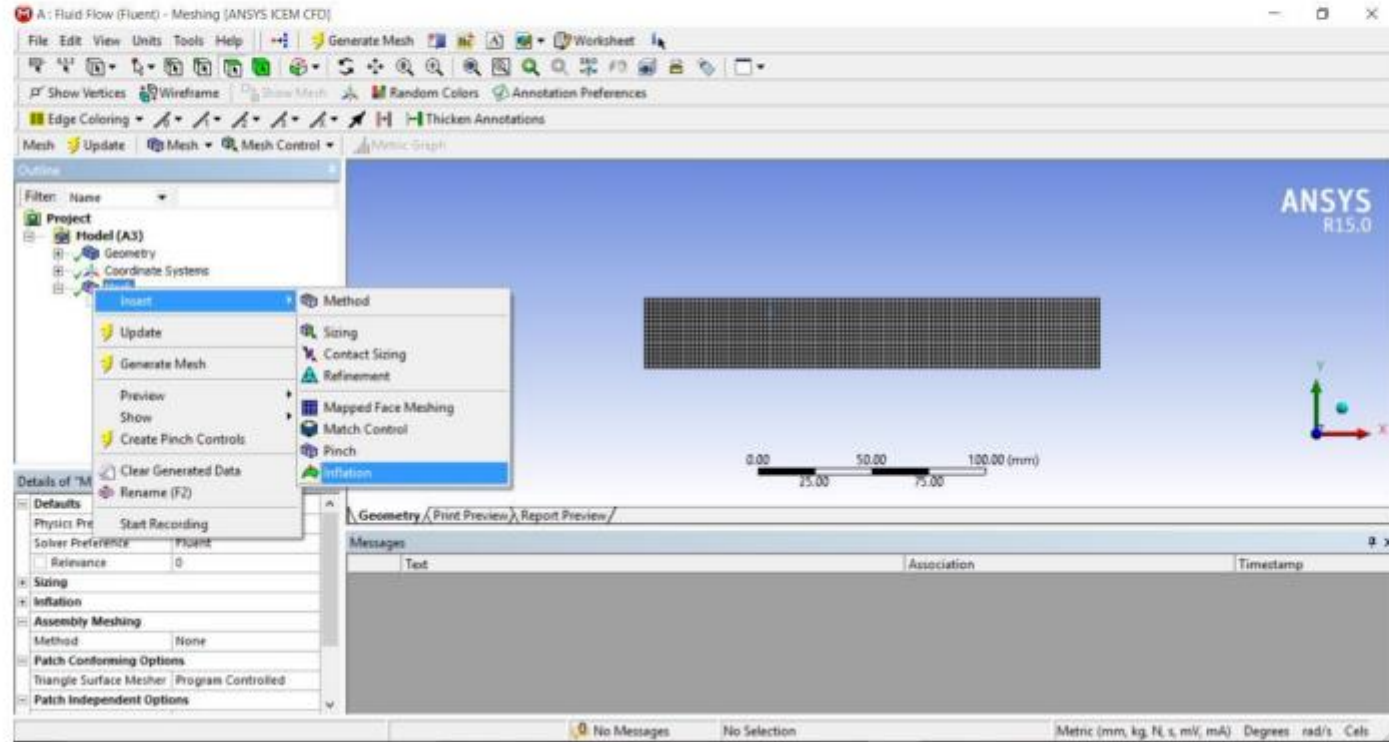
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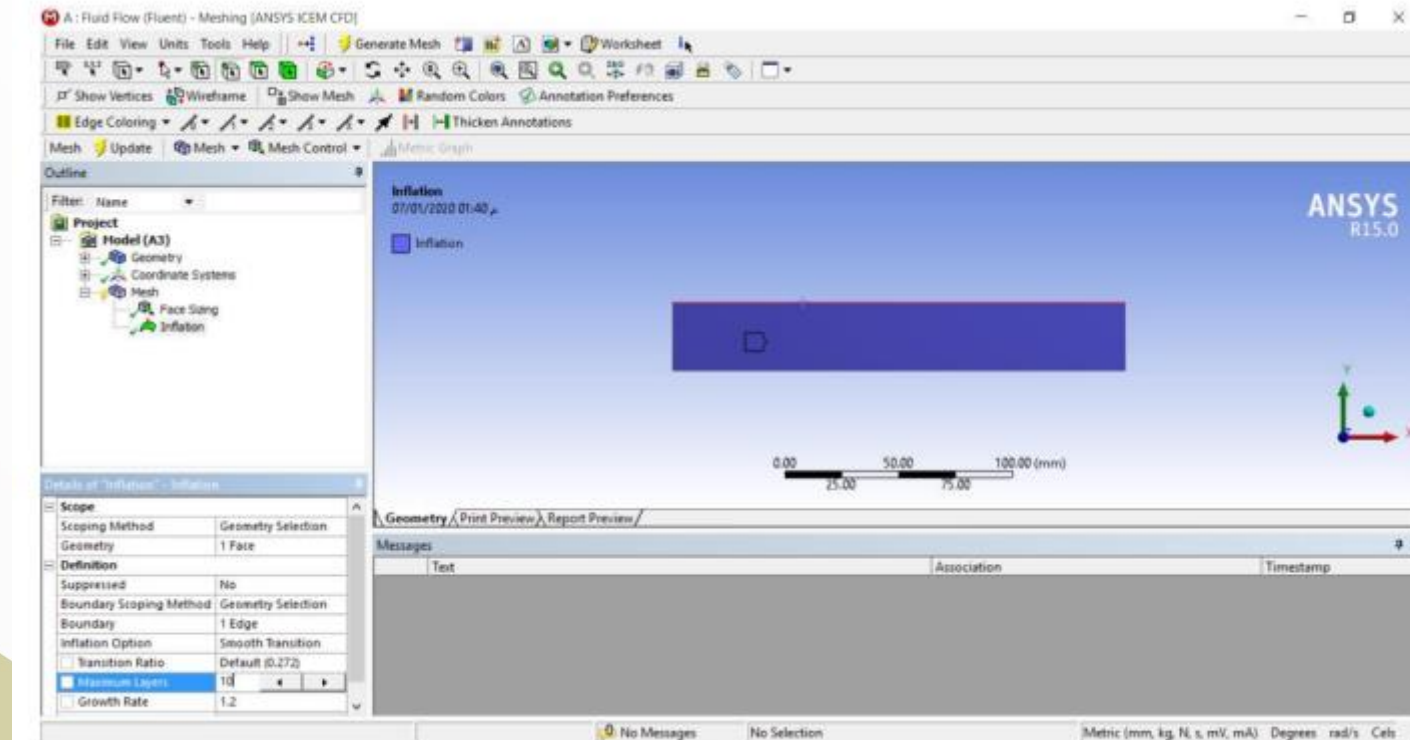
13- Mesh (right click) → insert → inflation → select geometry → apply
 → Select Boundary → apply → Maximum layers → generate (repeat this
 steps for all boundaries) → close





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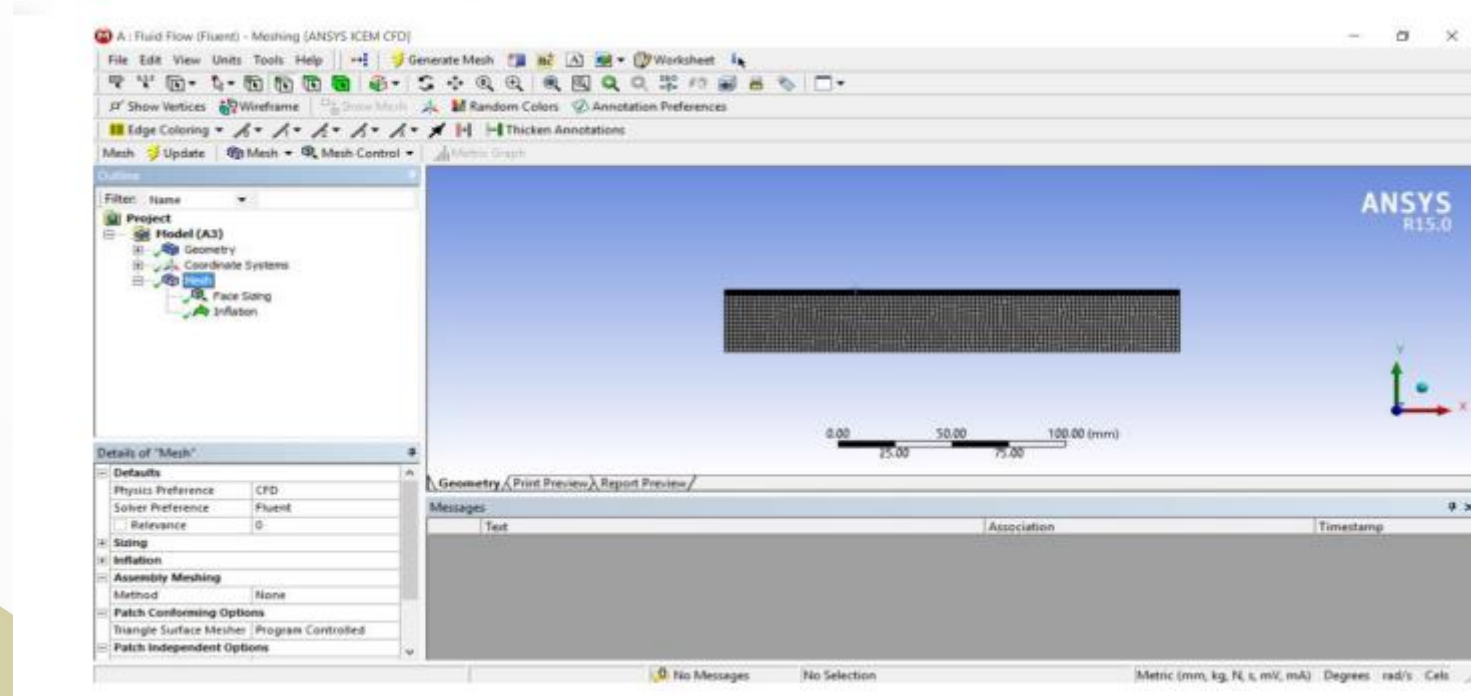
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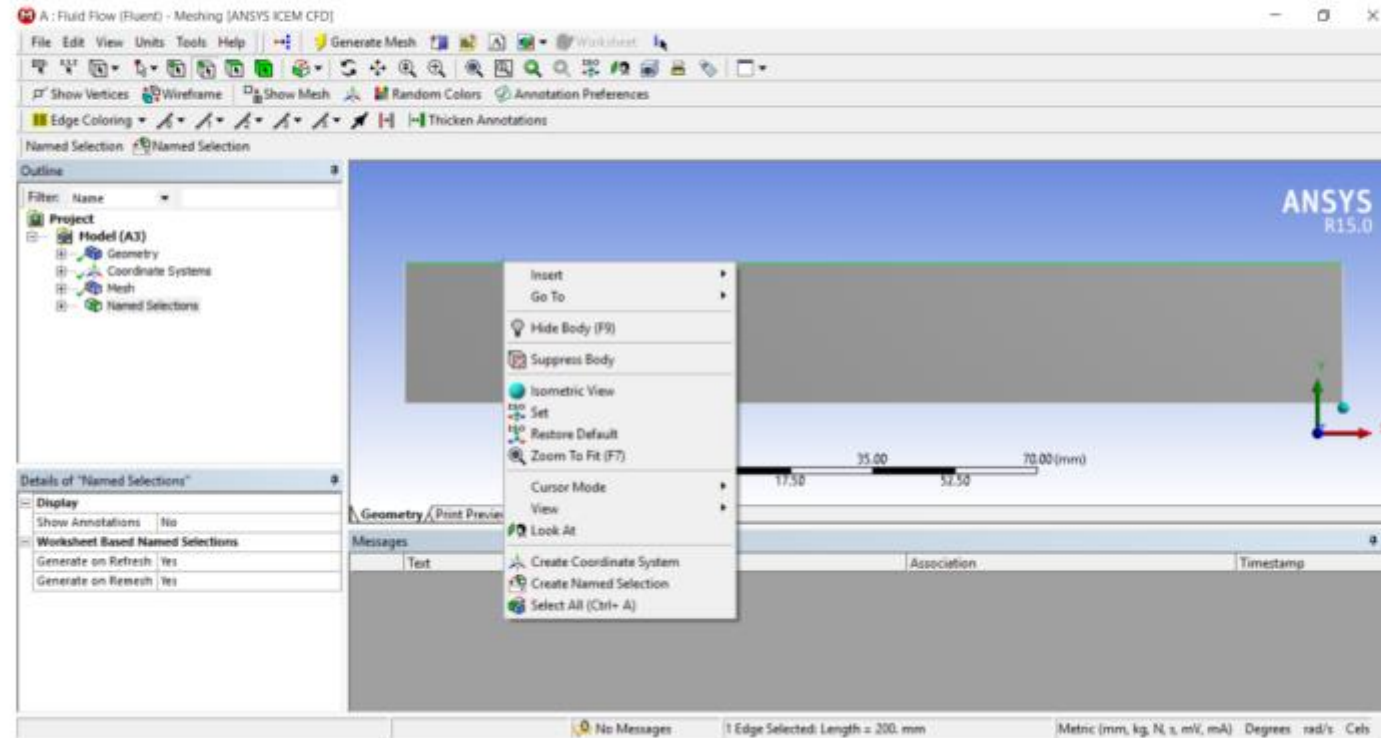
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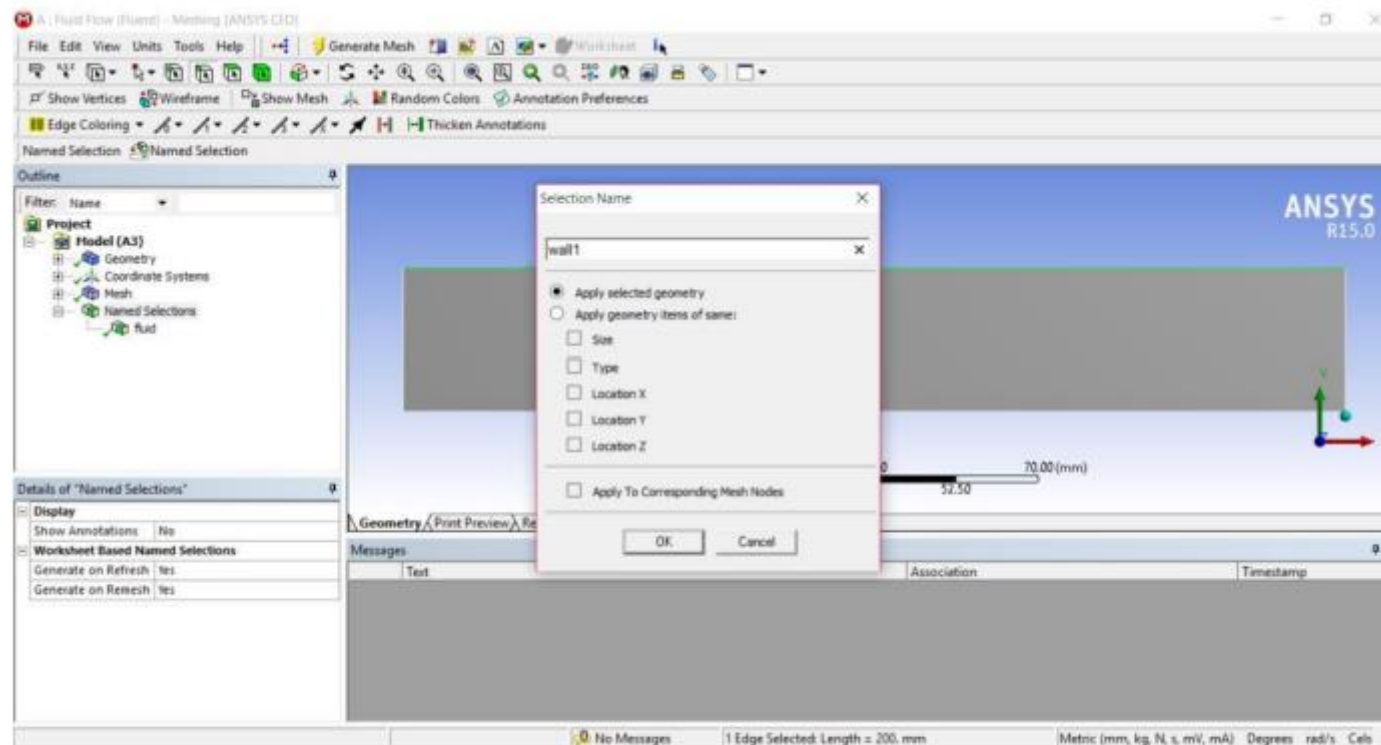
14- Select Boundary (right click) → create named selection → ok





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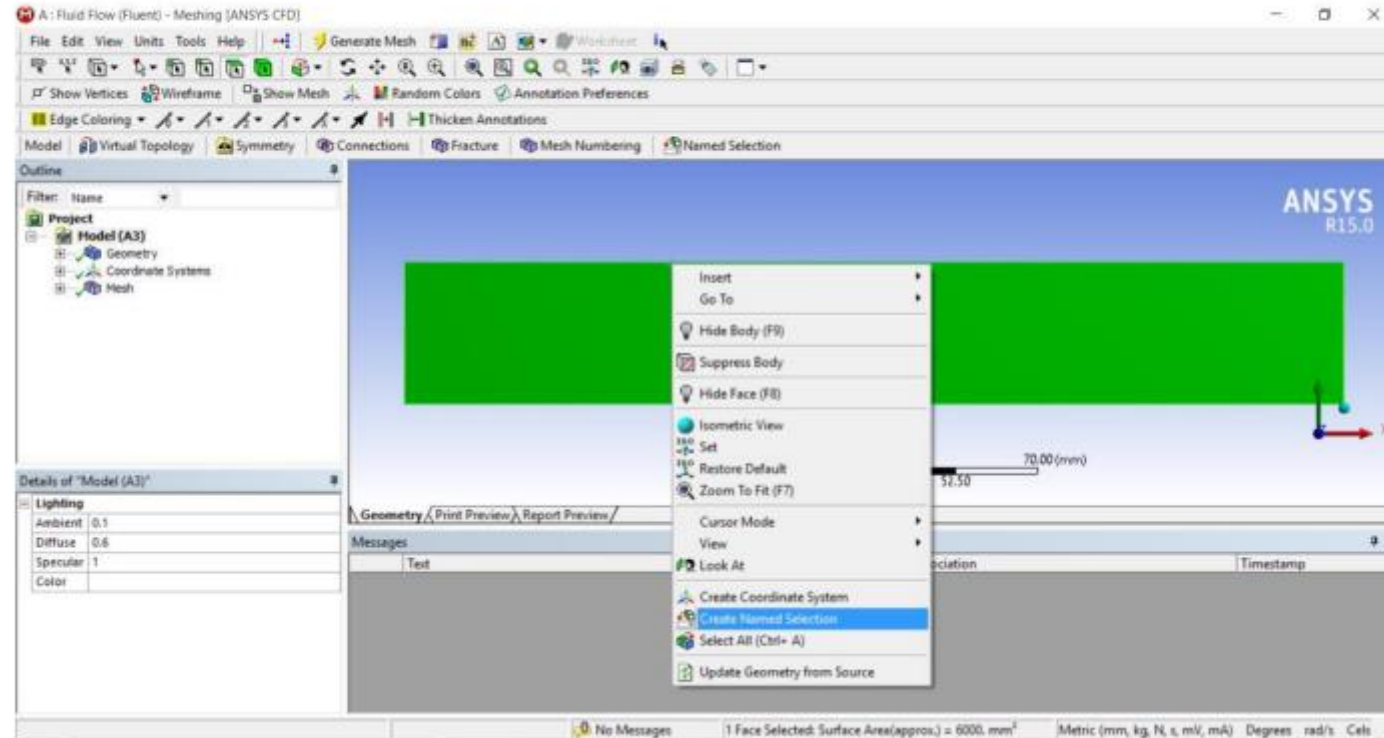
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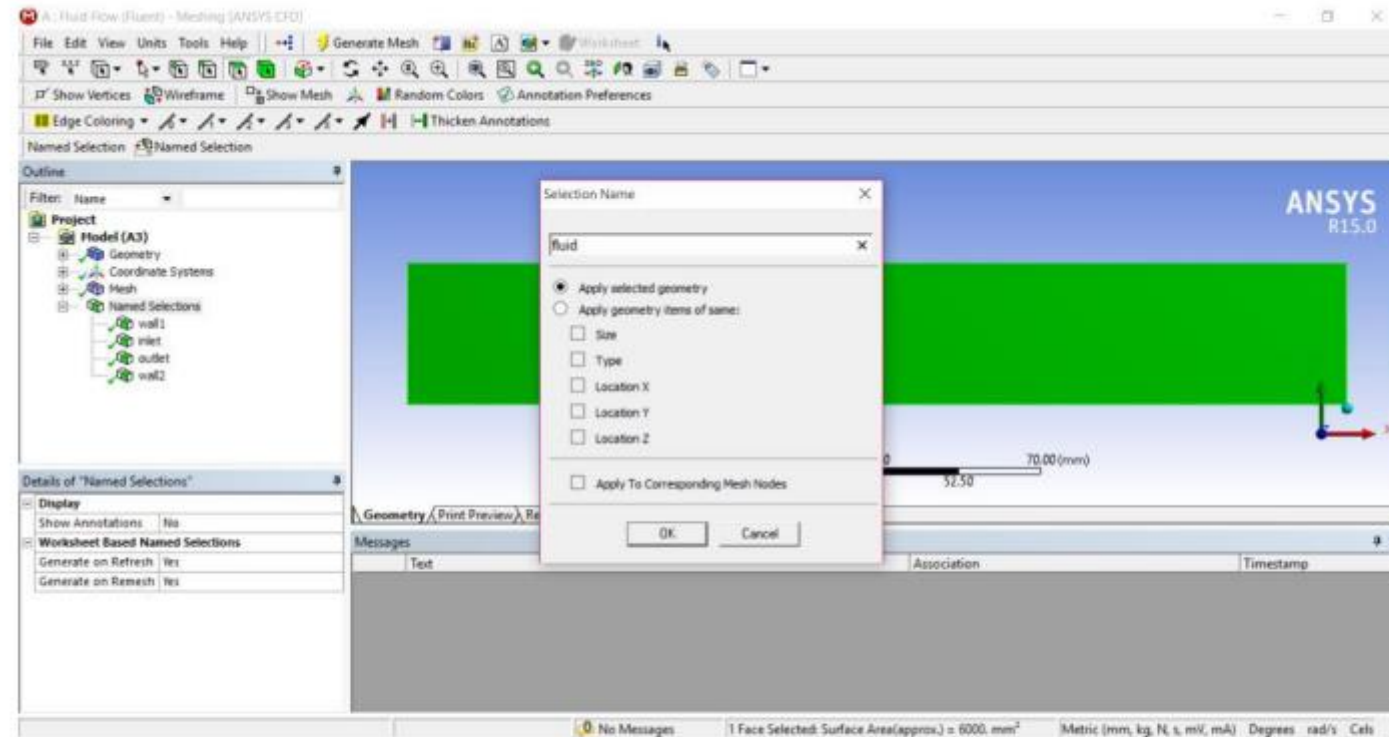
15- Select fluid (right click) → Create named selection → ok





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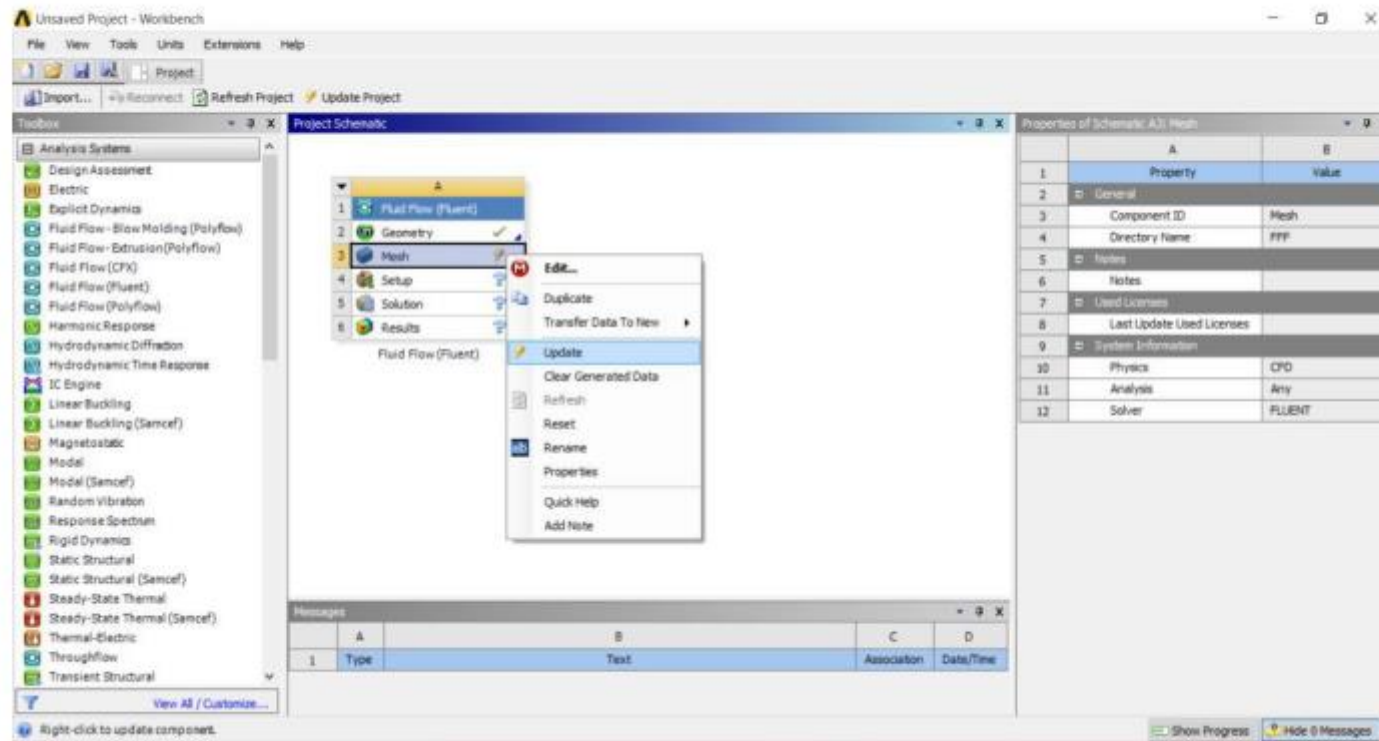
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16- Mesh (right click) → update



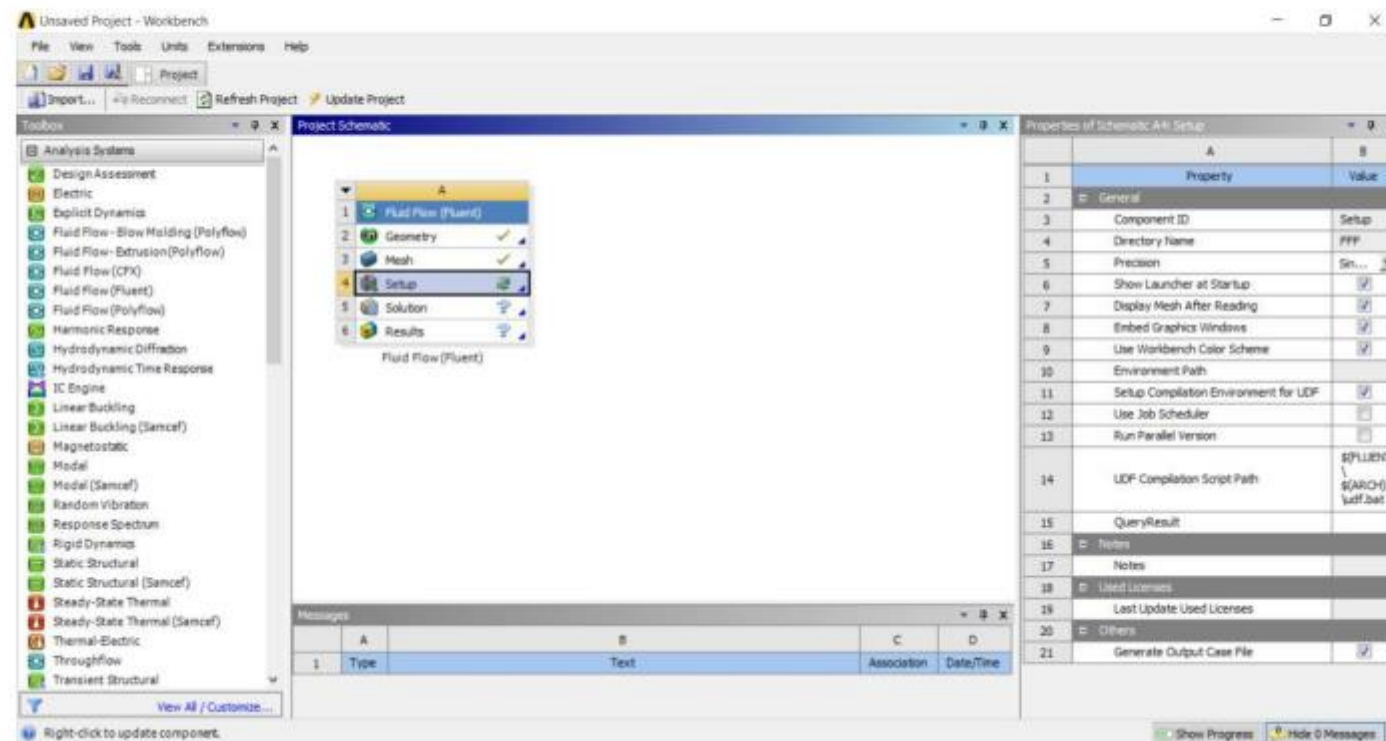


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17- Analysis systems → fluid flow (fluent) → setup





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