

Movies

Lets model a theater selling tickets.



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In C++ (what fun!)



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What do you need to know?



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What do you need to know?

1. Number tickets
2. Number ticket agents



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What do you need to know?

1. Number tickets=**500**
2. Number ticket agents=**1**

Model it



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What do you need to know?

1. Number tickets=500
2. Number ticket agents=**3**



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What do you need to know?

1. Number tickets=500
2. Number ticket agents=3



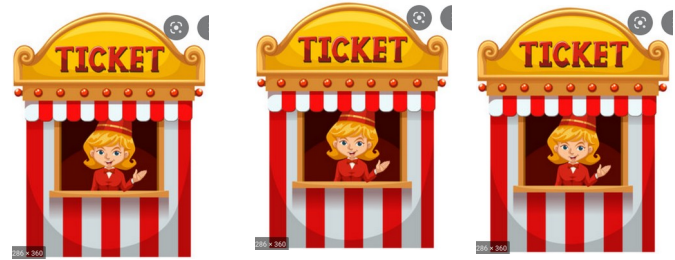
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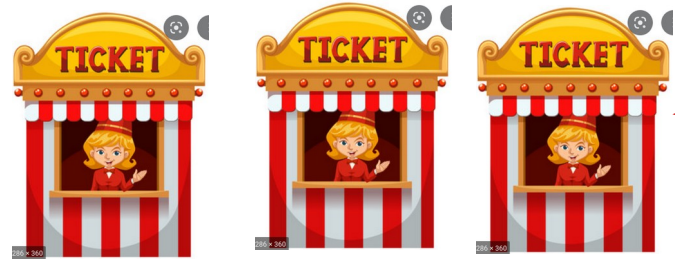
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Model it



Model these
as threads



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Once people have bought tickets
They need to go into a theater



Model these
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Model It



← Model these
as objects



← Model these
as threads



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What do you need to know?

1. Number tickets=500
2. Number ticket agents=3

Once people have bought tickets
They need to go into a theater

Model It

1. Create a theatre class
2. It has a capacity
3. Can enter if it's not full
4. Can get the number of people inside the theater



← Model these
as objects



← Model these
as threads

