

# Congratulations! You passed!

TO PASS 100% or higher

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## Software Architecture Models

TOTAL POINTS 3

1. A UNIX program where the output of one program is the input of another, is an example of which of the software architecture models below: **1 / 1 point**

- ☒ Pipe-and-Filter Model.
- ☐ Event-based Model.
- ☐ Layered Model.
- ☐ Blackboard Model.
- ☐ Client-Server Model.



**Correct**

That is right! The pipe-and-filter model feeds the output of one program to the other.

2. An online banking system is best modeled by: **1 / 1 point**

- ☐ Pipe-and-Filter Model.
- ☐ Blackboard Model.
- ☒ Client-Server Model.
- ☐ Event-based Model.



**Correct**

That is right! Online banking is best modeled by a client-server architecture, where the bank back-end is the server and the user website is the client.

3. A vehicle identification and tracking system, where each moving vehicle is tracked and monitored through a shared program, is best modeled by:

1 / 1 point

- ☐ Pipe-and-Filter Model.
- ☒ Blackboard Model.
- ☐ Layer Model
- ☐ Client-Server Model
- ☐ Event-based Model



**Correct**

True! This would be the way to model this system where there are different components communicate with the blackboard.