



Course Overview



View Discussion

Chapter 5: Conclusion

Final Exam: Question 12

Problem:

Scenario

As a chemical manufacturer, you tend to keep your factory and your data organized, since dealing with chemicals requires a lot of precision, attention, and safety mechanisms. One of the safety mechanisms in the factory is the documentation about produced chemicals. This documentation is recorded in **Material Safety Data Sheets** which are large pdf documents containing safety details about a given chemical. These Data Sheets are part of the documents in the **inventory** collection, where other information such as the price, quantity, and warehouse location of the chemical is stored as well.

Keeping track of production, sales, and purchases requires a lot of data manipulation on an hourly basis. You notice that at especially busy times, your inventory tracking application slows down by a lot.

Which pattern solution is best suited for solving this issue?

Attempts Remaining: **Correct Answer**   

Choose the best answer:

☐ The Computed Pattern

☐ The Extended Reference Pattern

☐ The Bucket Pattern

☐ The Polymorphic Pattern

☒ The Subset Pattern

Correct!

[See detailed answer](#)

[Proceed to next section](#)

Assignment is Due

05d:01hr:53m

07 sty, 17:00 UTC

Your Grade

PASS/FAIL

Submitted