

Instructions



How is it going ? Do you have problems with practical tasks of JPA ? Any concerns with learning materials of Hibernate ?

14 responses

show an example of practi

totally bad not bad

crying

it's going not good

well

good linux

great finished the task

bad

Today's agenda

- Total Recall
- Hibernate
- Quiz
- Questions

Total Recall

What do you remember from the last session?

11 responses

jpa annotations
java persistence
london is the cap of gb
orm layer
i couldn't attend
database
3 hours
embedable
jpaql

What is 'Database normalization'?

10 responses

into many tables 3nf
2nf minimize redundancy
1nf structuring no
technique build warehouse
when we destibute data
so that avoid redundancy

What is isolation in frames of databases?

6 responses

isolation durability
transactions independent
process
acid multiple transactions
atomicity consistency

What is the difference between fetching Lazy vs Eager ?

5 responses

eager -fetching all

reduce memory

eager -imdetly

lazy - on time

lazy -fetching by request

Is it correct to initialize services in each other?

6 



yes

3 



no

2 



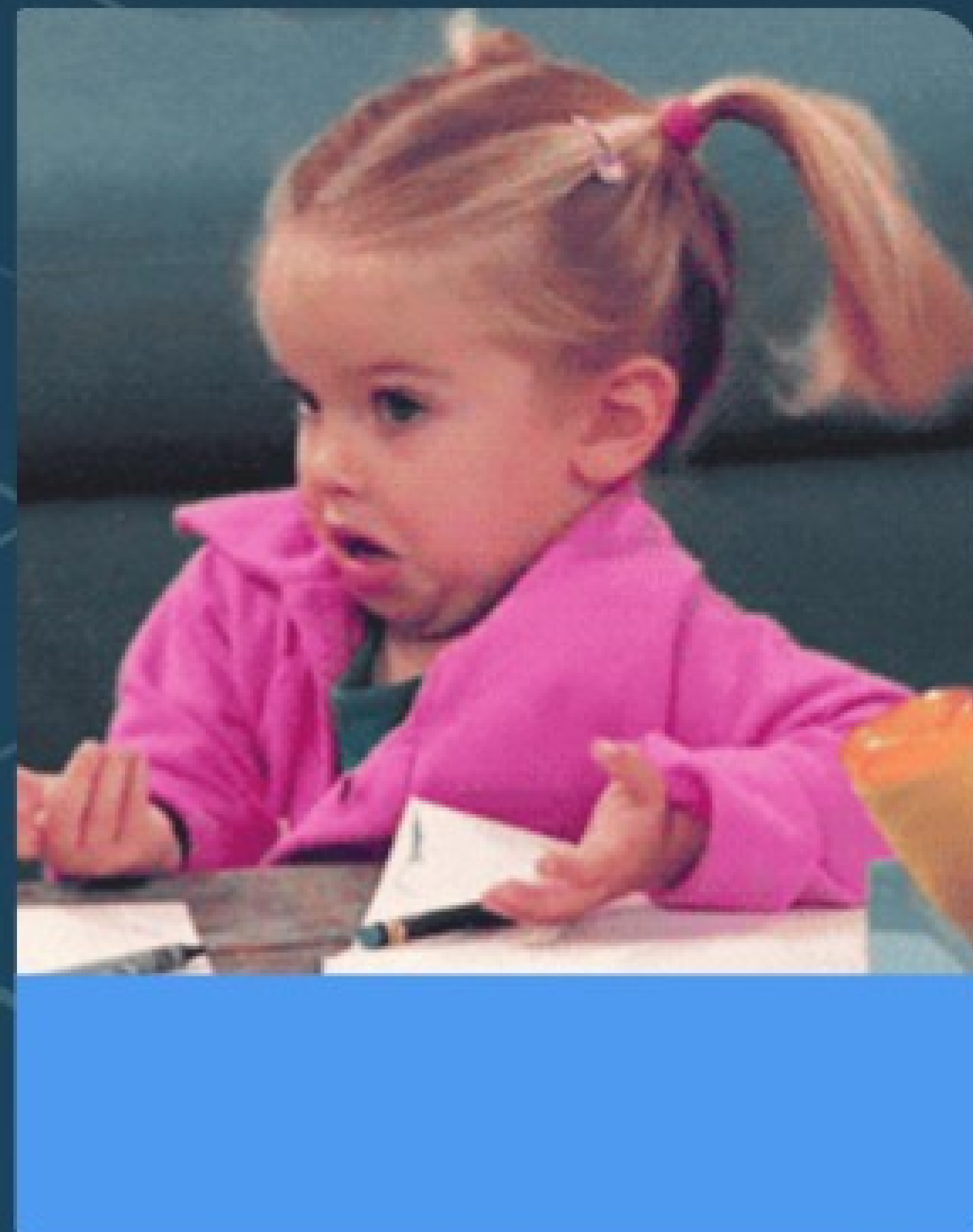
sometimes

Hibernate (ws-07)

Normalization | Isolation | Transaction | Query

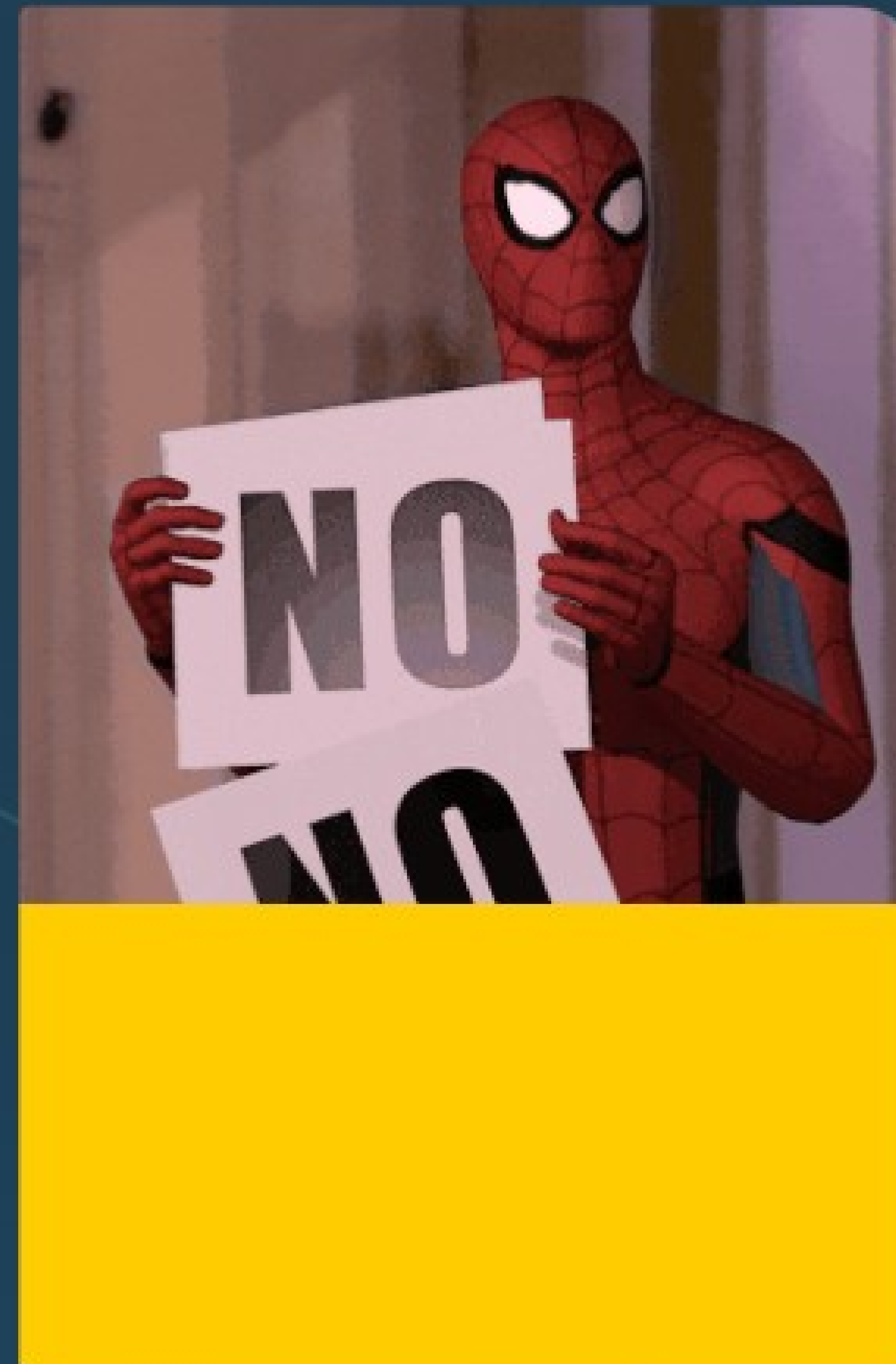
Have you started the theory of 'Hibernate'?

2



????????????????

4



+

5



-

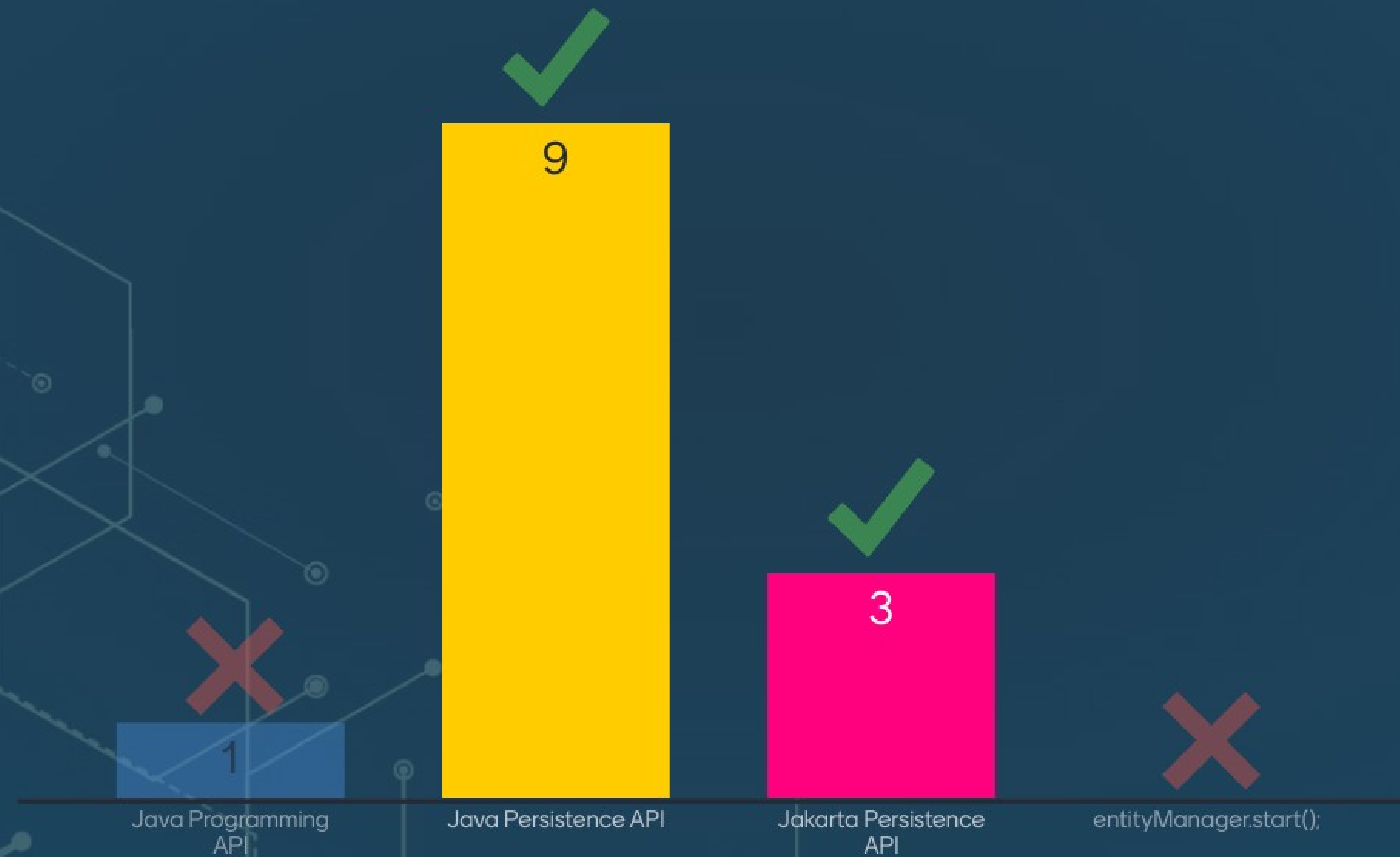
Explore module ws-07

<https://github.com/AndreiRohau/itpu-java-web-2025>

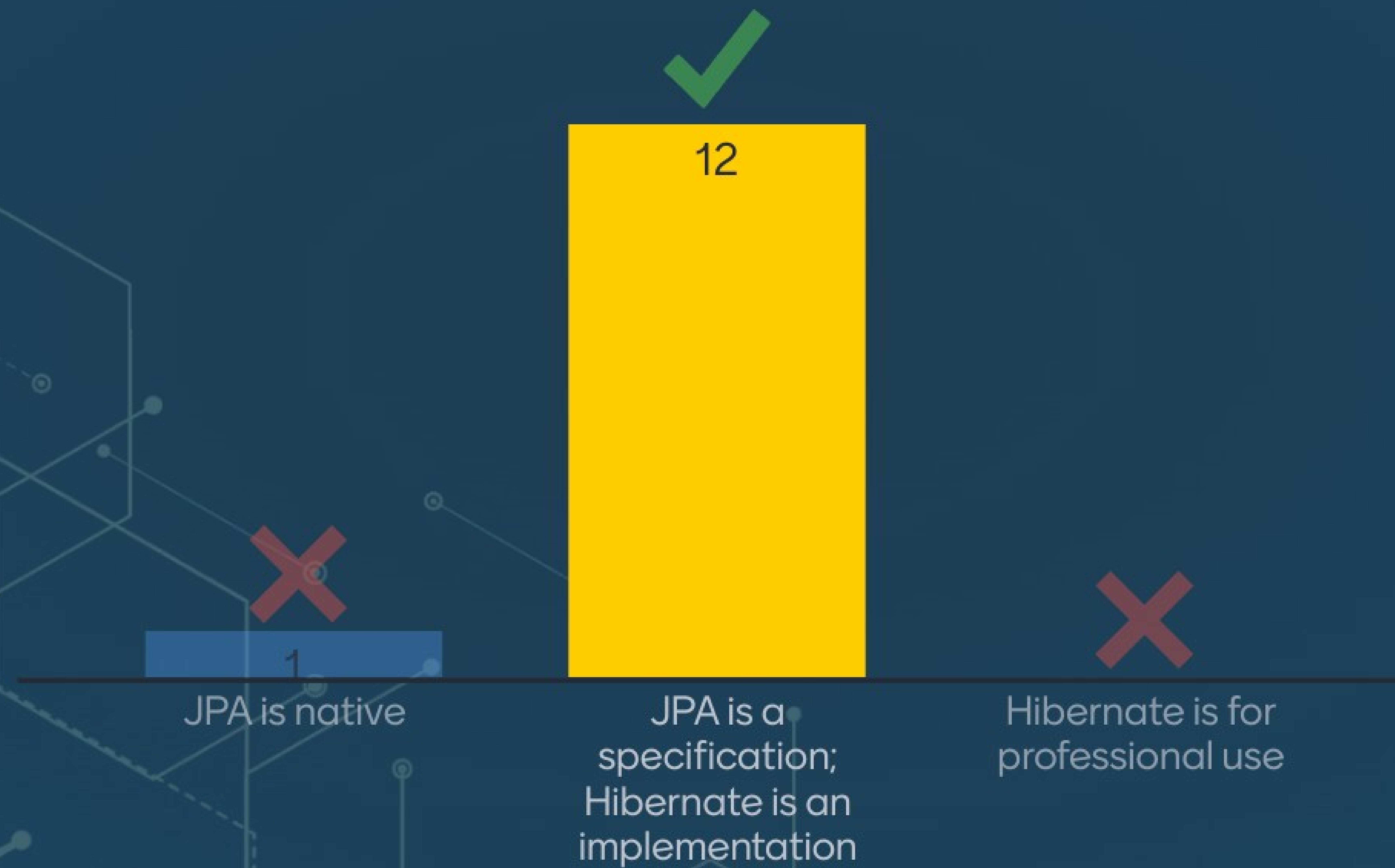
10 mins break

Quiz

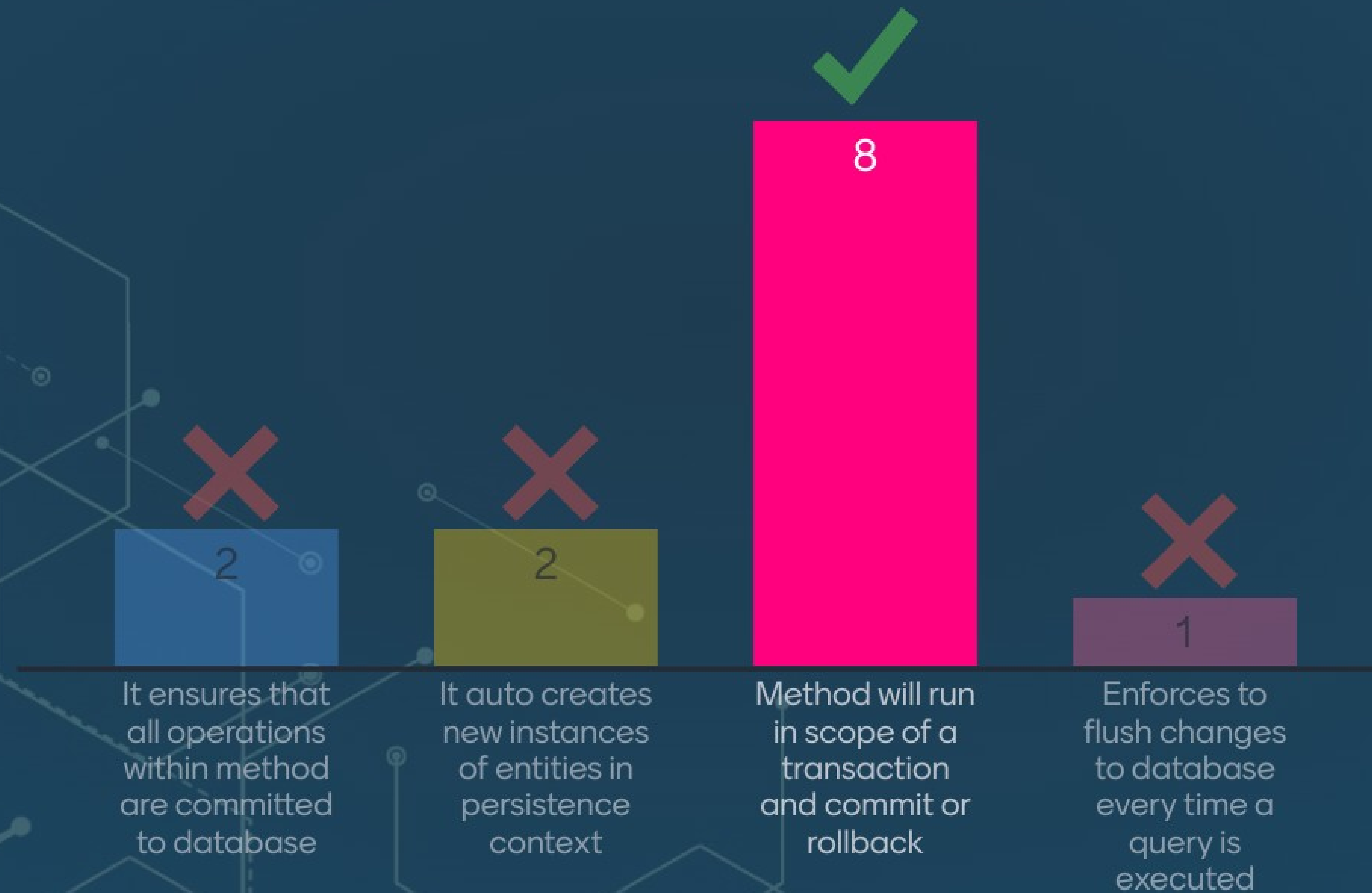
What does JPA stand for?



What is the basic difference between JPA and Hibernate



What is TRUE about @Transactional annotation in JPA?

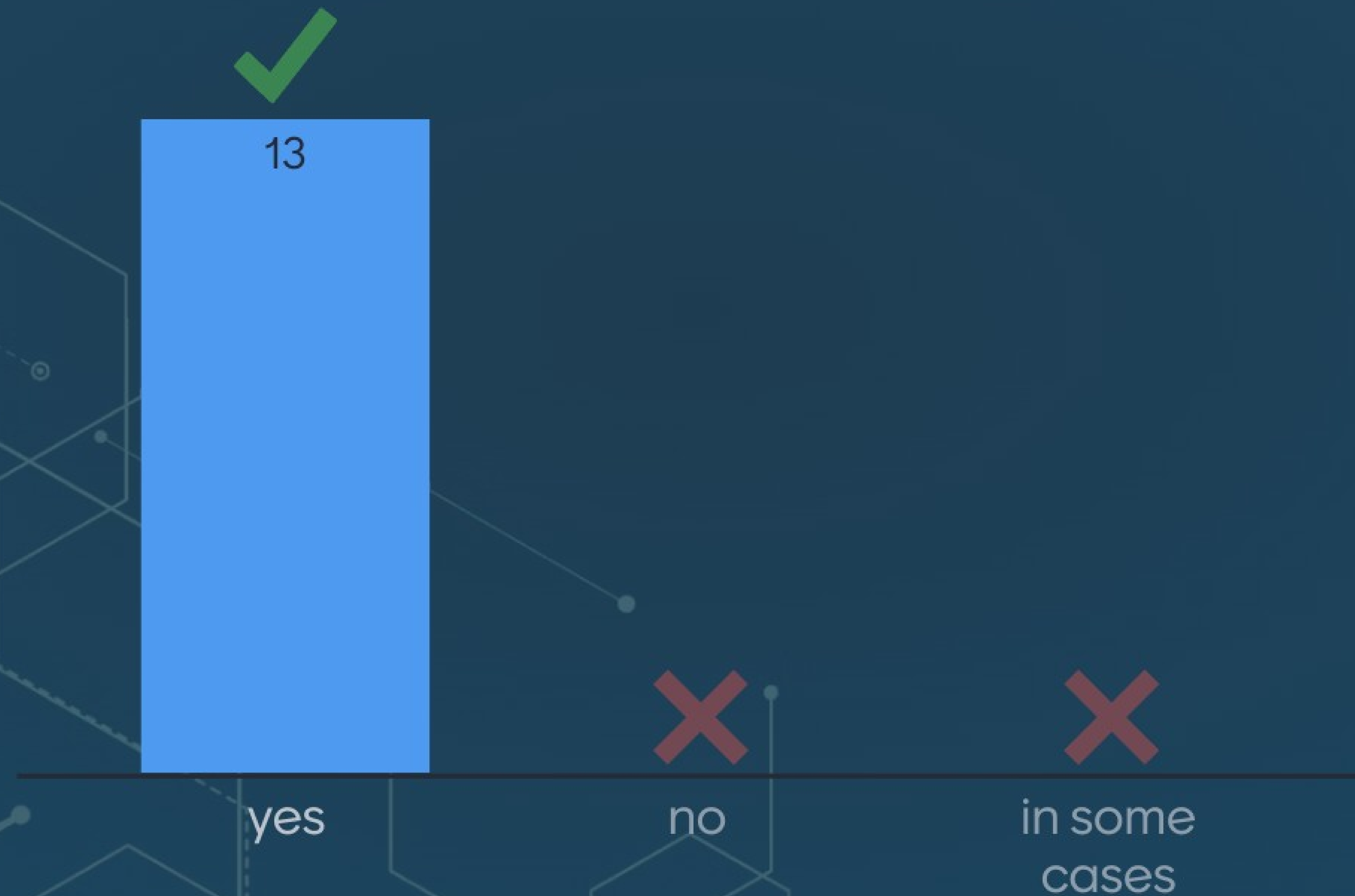


Differences Between JPA and Hibernate?

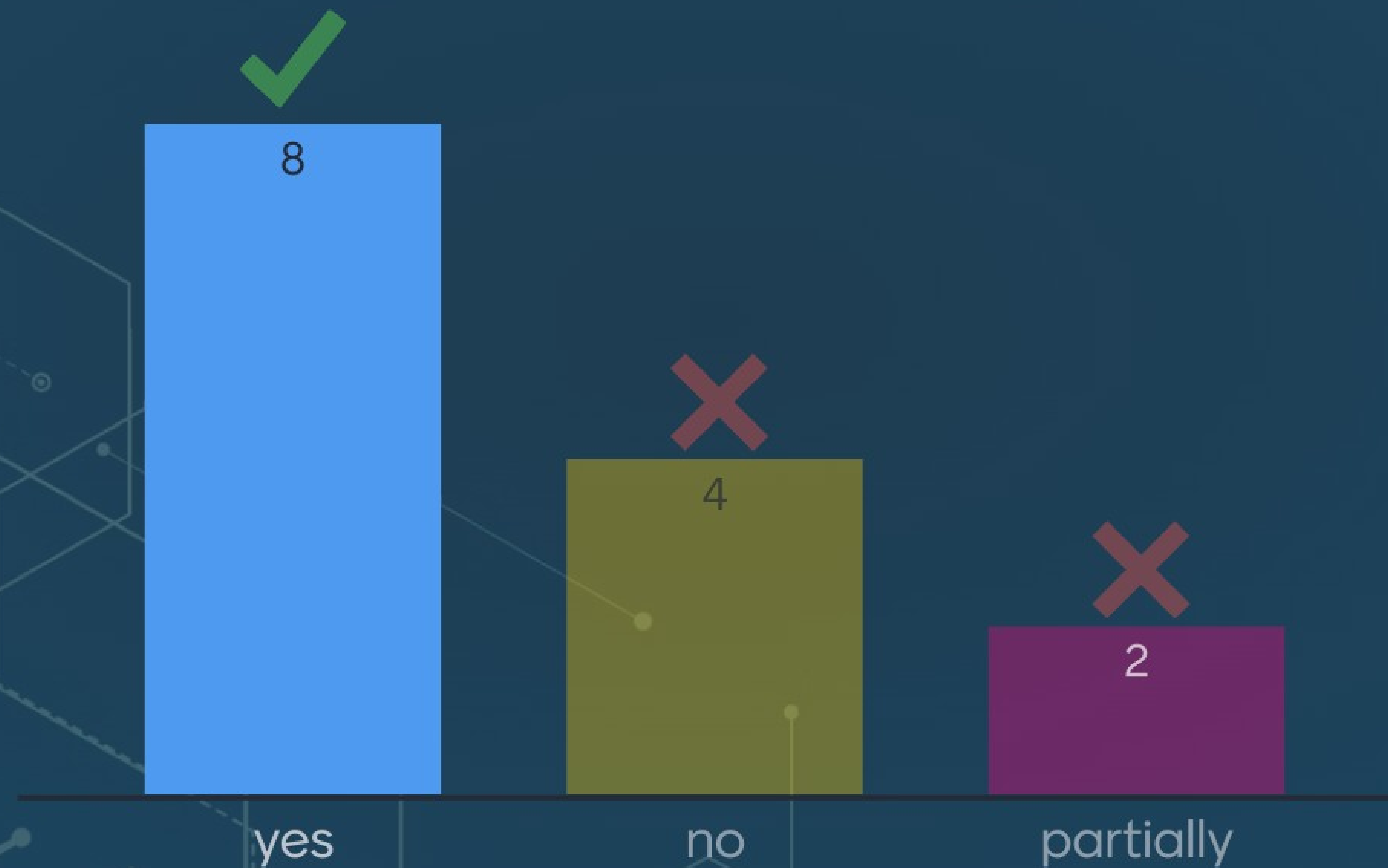
Differences Between JPA and Hibernate

- 1) JPA is a specification while Hibernate is an actual implementation of the JPA specification.
- 2) Hibernate implements all JPA features and adds its own enhancements.
- 3) Choosing native Hibernate leads to less portability but better performance.

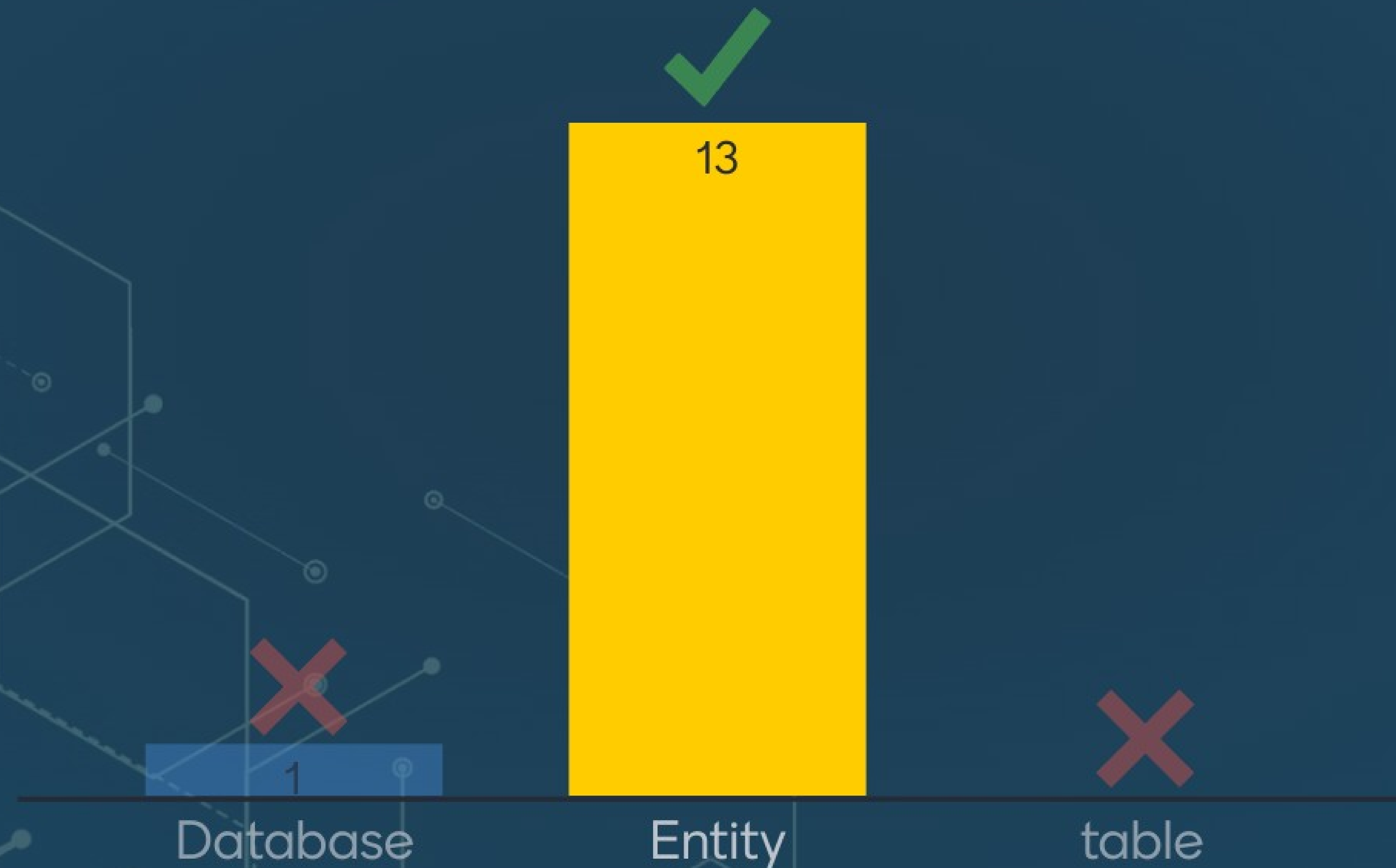
Can we use EntityManager, while leveraging Hibernate?



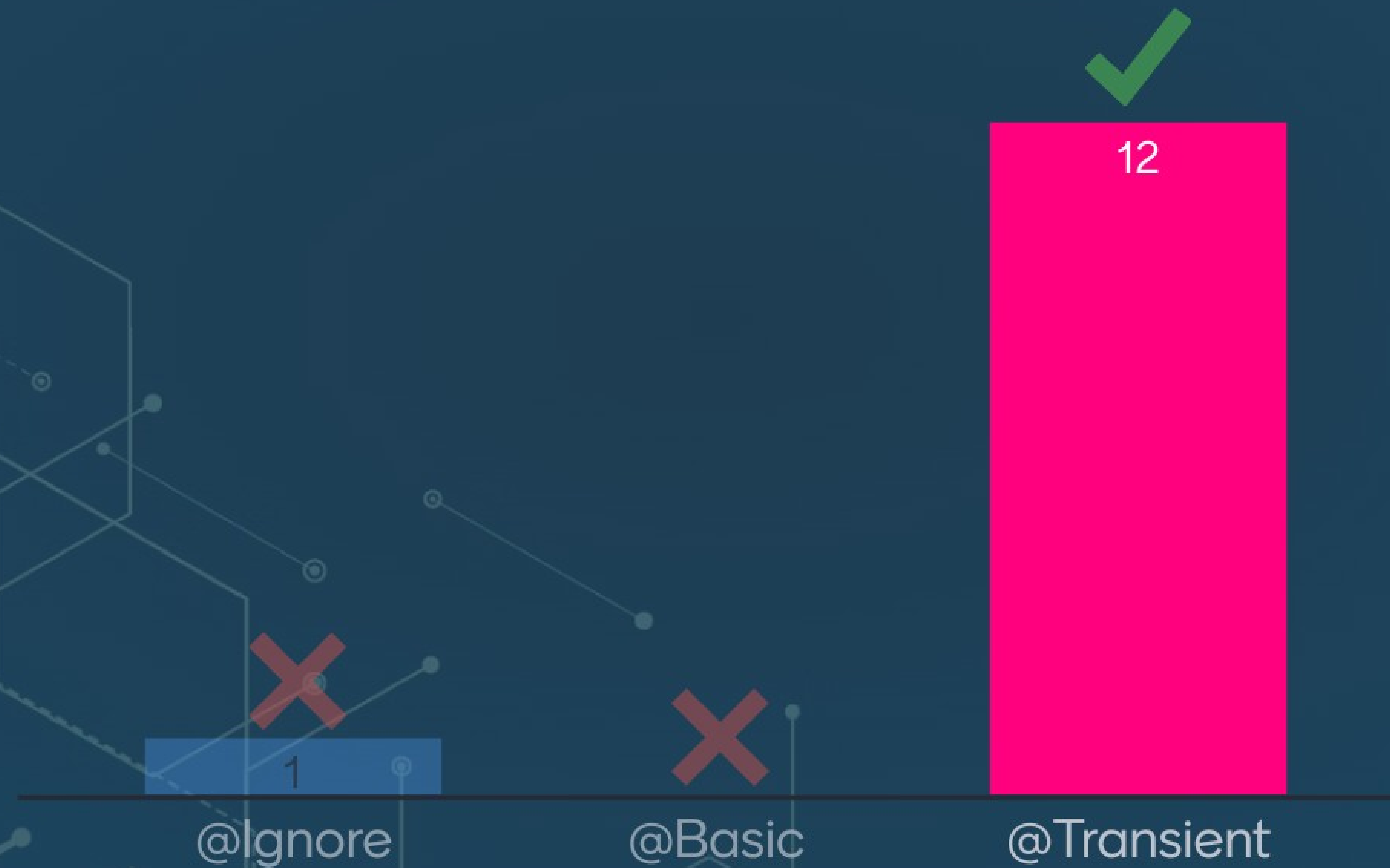
Can we say that EntityManager is the same as Session, when leveraging Hibernate?



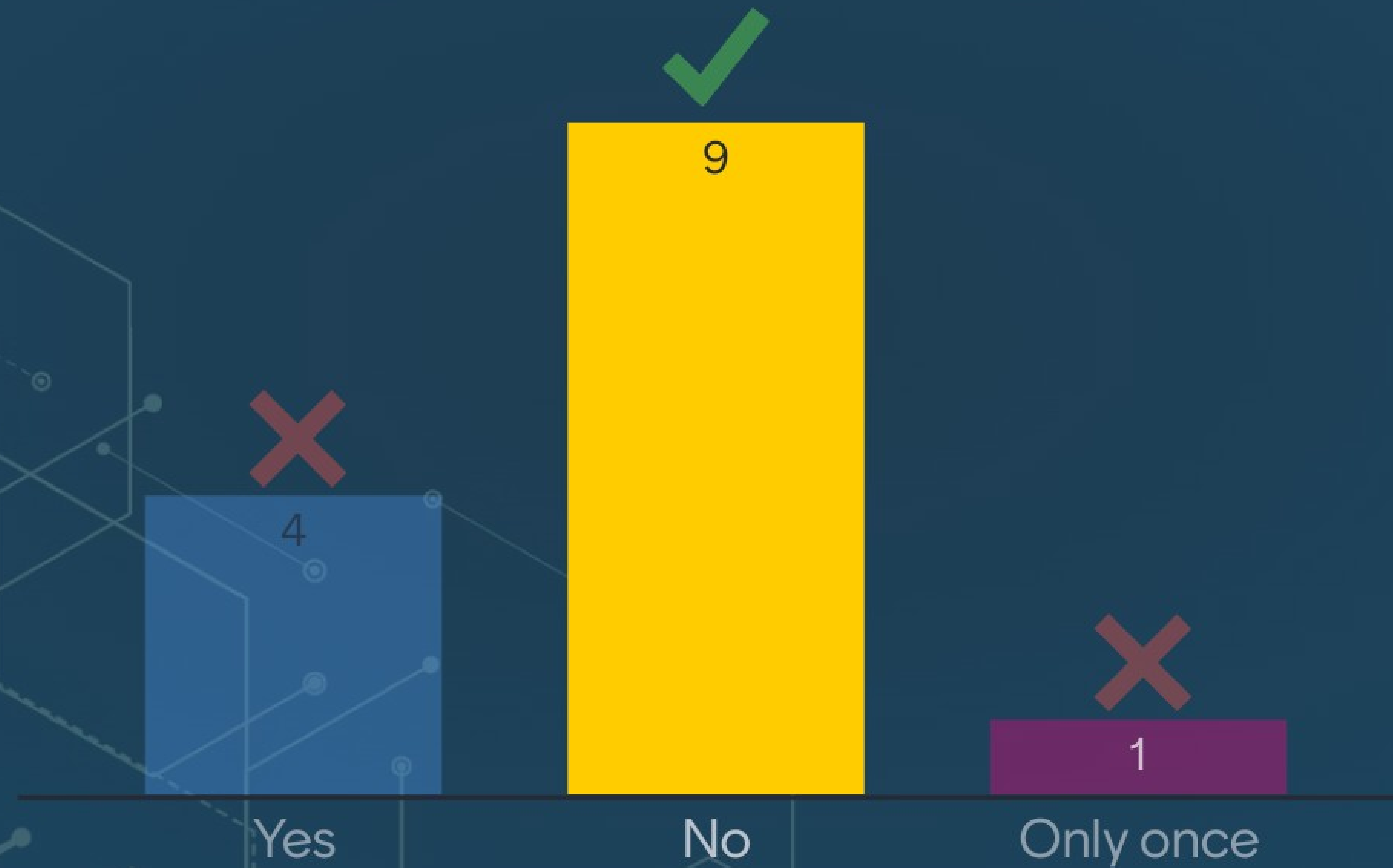
Which annotation is used to declare an entity class in JPA?



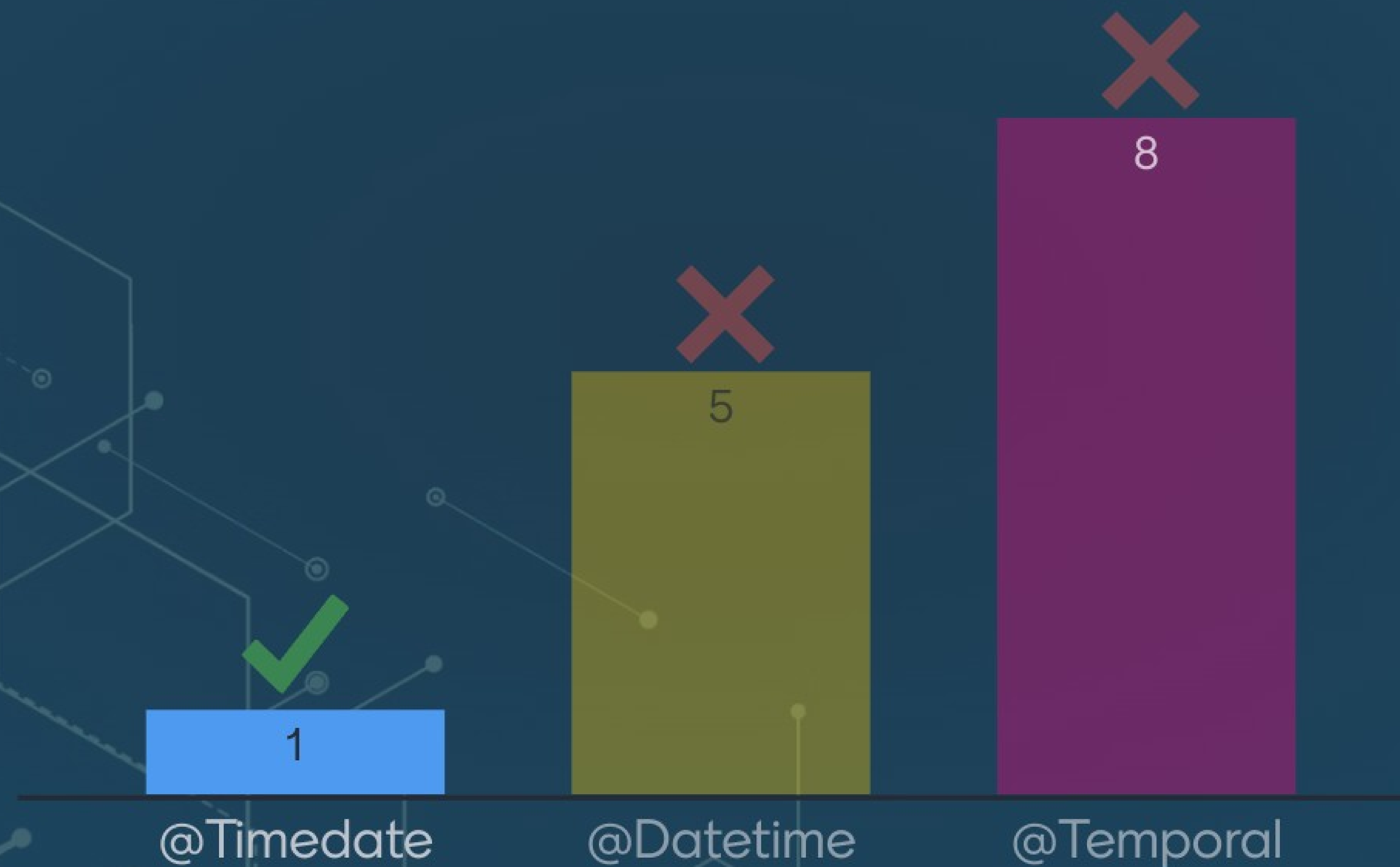
Which annotation is used ignore entity field in JPA?



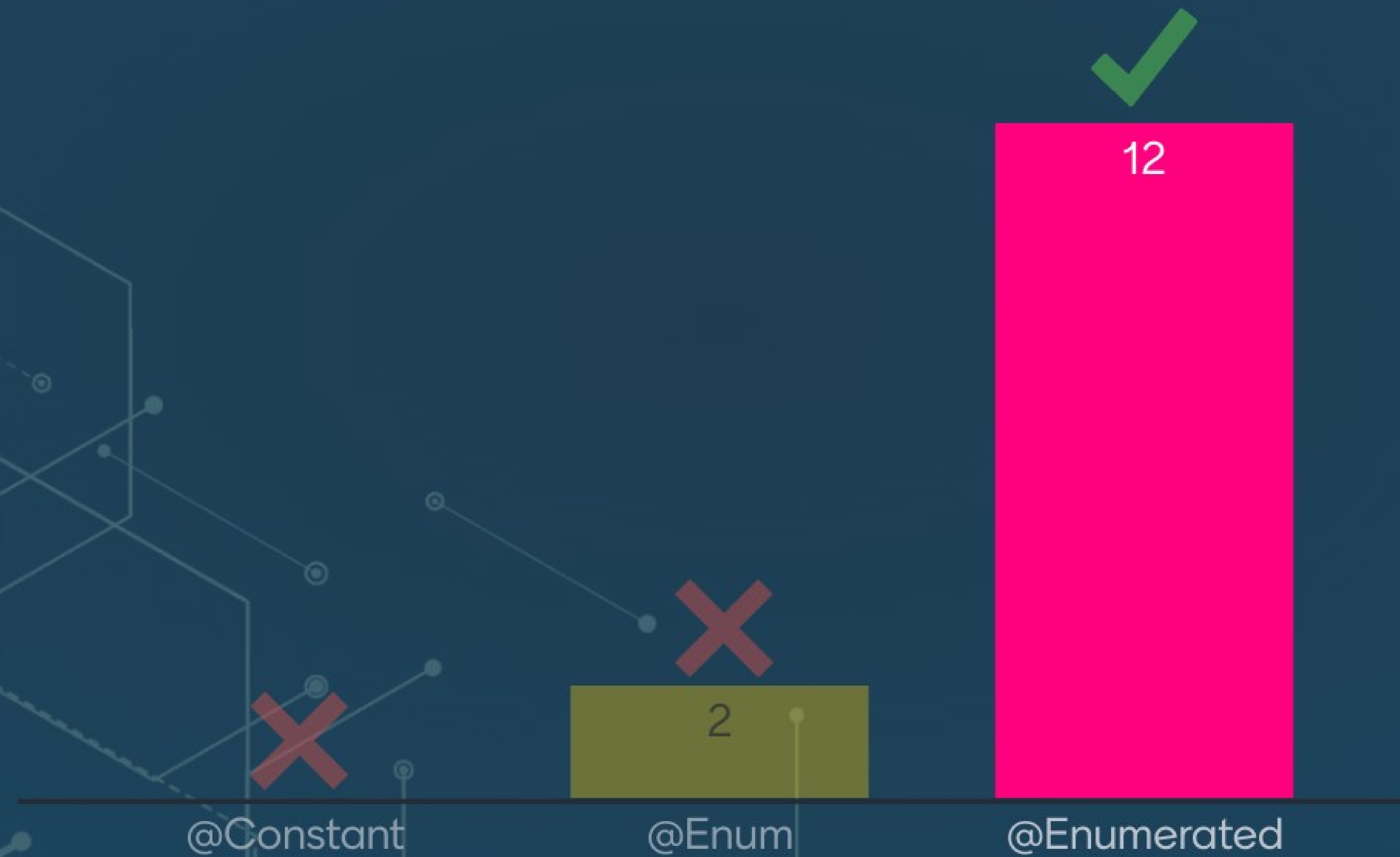
Can we use CriteriaQuery in HQL?



Which annotation is used store date\time related data in JPA?



Which annotation is used store enumerations in JPA?



Quiz leaderboard



Discuss Hibernate practical task

Next time: Hibernate.

Questions?

