## 0. Introduction

### 1. Welcome

### 2. What you should know

## 1. Understanding Java Persistence API (JPA)

### 1. What is persistence

### 2. Object relational mapping (ORM)

### 3. JPA overview

### 4. JPA configuration and entities

### 5. Benefits of JPA over pure JDBC

### 6. Looking at the course project

### 7. Review course project tools

### Chapter Quiz

## 2. Managing Entities with EntityManager

### 1. EntityManager

### 2. Creating objects

### 3. Persisting Objects

### 4. Reading objects

### 5. Updating objects

### 6. Deleting objects

### Chapter Quiz

## 3. Transaction Management

### 1. Entity life cycle

### 2. Managing transactions overview

### 3. Managing transactions demo

### 4. Advanced mapping using annotations

### Chapter Quiz

## 4. Relationship Mapping in JPA

### 1. Relationships

### 2. Mapping strategies overview

### 3. Mapping associations overview

### 4. Cascading events

### Chapter Quiz

Question 1 of 5

When two objects link to each other, it is called a bi-directional relationship.

TRUE

Correct

FALSE

Incorrect

Relationships

Replay

Review this video

Relationships

4m 46s

Question 2 of 5

Which annotation represents a foreign key relationship?

@GeneratedValue

Incorrect

@JoinColumn

Correct

@JoinTable

@ManyToOne

Question 3 of 5

The OneToMany and ManyToMany relationships are mapped with a join column.

TRUE

FALSE

Correct

Question 4 of 5

Which annotation represents that entity instances can be related to multiple instances of each other?

@OneToMany

Incorrect

@ManyToMany

Correct

@ManyToOne

@OneToOne

Question 5 of 5

By default, all persist events are cascaded.

TRUE

Incorrect

FALSE

Correct

Cascading events

Replay

Review this video

## 5. Conclusion

### 1. Next steps