Lecture 11: Changing Table and Column Names

Custom Table Name

```
@Entity
@Table(name="alien_table")
public class Alien {
    @Id
    private int aid;
    private String aname;
    private String tech;

    // getters and setters

}
```

Custom Column Names

```
@Entity
public class Alien {
    @Id
    private int aid;

    @Column(name="alien_name")
    private String aname;

    @Transient
    private String tech;

    // getters and setters

}
```

Annotation Explanations

- **@Entity**: Marks class as JPA entity
- **@Table(name="custom_name")**: Specifies custom table name
- **@Id**: Marks primary key field
- **@Transient**: Ignore the field in data base
- **@Column(name="custom_name")**: Specifies custom column name

Entity vs Table Differences

- **Entity**: Java class representation
- **Table**: Database table representation
- **Mapping**: Annotations bridge the gap between object and relational models
- **Flexibility**: Can have different names for class/field vs table/column