|  |
| --- |
| @Entity  @Table(name = "instructor")  **public class Instructor**  --------------------------------------------------------------------  @Id  @GeneratedValue(strategy = GenerationType.IDENTITY)  @Column(name = "id")  private int id;  -----------------------------------------------------------------------------------  @Column(name = "first\_name")  private String firstName;  -----------------------------------------------------------------------------------  @Column(name = "last\_name")  private String lastName;  -----------------------------------------------------------------------------------  @Column(name = "email")  private String email;  -----------------------------------------------------------------------------------  @OneToOne(cascade = CascadeType.ALL)  @JoinColumn(name = "instructor\_detail\_id")  private InstructorDetail instructorDetail;  -----------------------------------------------------------------------------------  @OneToMany(mappedBy="instructor", cascade= {CascadeType.PERSIST, CascadeType.MERGE, CascadeType.DETACH, CascadeType.REFRESH})  private List<Course> courses; |

|  |
| --- |
| @Entity  @Table(name = **"instructor\_detail"**)  **public class InstructorDetail**  -----------------------------------------------------------------------------  @Id  @GeneratedValue(strategy = GenerationType.***IDENTITY***)  @Column(name = **"id"**)  **private int id**;  -----------------------------------------------------------------------------------  @Column(name = **"youtube\_channel"**)  **private** String **youtubeChannel**;  -----------------------------------------------------------------------------  @Column(name = **"hobby"**)  **private** String **hobby**;  -----------------------------------------------------------------------------  @OneToOne(mappedBy=**"instructorDetail"**,  cascade={CascadeType.***DETACH***, CascadeType.***MERGE***, CascadeType.***PERSIST***, CascadeType.***REFRESH***})  **private** Instructor **instructor**; |

|  |
| --- |
| @Entity  @Table(name = **"course"**)  **public class Course**  -----------------------------------------------------------------------------------  @Id  @GeneratedValue(strategy = GenerationType.***IDENTITY***)  @Column(name = **"id"**)  **private int id**;  -----------------------------------------------------------------------------------  @Column(name = **"title"**)  **private** String **title**;  -----------------------------------------------------------------------------------  @ManyToOne(cascade= {CascadeType.***PERSIST***, CascadeType.***MERGE***, CascadeType.***DETACH***, CascadeType.***REFRESH***})  @JoinColumn(name = **"instructor\_id"**) – внешний ключ  **private** Instructor **instructor**; |

