Annotations

@Entity //tabdil class be yek entity dar database

@Table(name = "student") //tanzim name entity be onvane yek table dar database

@Id //tanzim field studentid name be onvane id va unique kardane an

@GeneratedValue(strategy = GenerationType.AUTO) // automatic kardane ijad number id baraye field studentid barasase noe paygah dade

@Column(name = "studentid") // tanzim name delkhah baraye in column jahate namayeshe dar database

@ManyToOne(cascade = {CascadeType.ALL}) //tanzim rabete many-to-one ba object ijad shode az teacher va cascade baraye taghir kardan automatic fieldhaye mortabet ba an

@ElementCollection //tanzim object cstudent be onvane yek Listcollection

EntityManagerFactory factory = Persistence.createEntityManagerFactory("test"); //ijad object emf

EntityManager entitymanager = factory.createEntityManager(); // ijad object em

entitymanager.getTransaction().begin(); // start kardan entitymanager baraye anjame amaliat(tarakonesh)

entitymanager.persist(course1); // pas az persist kardane course1 , teacher marbute yani teacher1 ham besurate auto persist mishavad,

//chon rabete one-to-one darand va az cascade.All dar object course sakhte shode dar course estefade shode

entitymanager.getTransaction().commit(); //sabt taghirat(tarakonesh) dar database va close kardan database