

jpa_onetoone_v1.pdf

Task 1

```
@Data
@Builder
@Entity
public class Customer {



    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    private long custId;

    @OneToOne(mappedBy = "customer", cascade = CascadeType.ALL)
    private BasicProfile basicProfile;

    private String firstName;

    private String lastName;
}
```

Sarakkeet: + Lisää - Poista ▲ Ylös ▼ Alas

#	Nimi	Tietotyyppi	Length/Set	Etumer...	Salli NULL	Zerofill	Oletus
	1 profileId	BIGINT	20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	AUTO_INCREME...
2	birthYear	INT	11	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ei oletusta
3	height	DOUBLE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ei oletusta
4	weight	DOUBLE		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ei oletusta
	5 customer_cus...	BIGINT	20	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NULL

Task 2

```
@Data
@Builder
@Entity
public class Customer {

    @Id
    @GeneratedValue(strategy = GenerationType.IDENTITY)
    @Column(unique = true, nullable = false)
    private long custId;

    @OneToOne(mappedBy = "customer", cascade = CascadeType.PERSIST, orphanRemoval
= true)
```

```
@PrimaryKeyJoinColumn
private BasicProfile basicProfile;


private String firstName;
private String lastName;
}
```

```
@Data
@Builder
@Entity
public class BasicProfile {

    @Id
    @Column(name = "profileId")
    private long profileId;

    @OneToOne
    @MapsId
    @JoinColumn(name = "profileId")
    private Customer customer;

    private int birthYear;
    private double weight;
    private double height;
}
```

#	Nimi	Tietotyyppi
 1	profileId	BIGINT
2	birthYear	INT
3	height	DOUBLE
4	weight	DOUBLE

Task 3

what does this even mean?