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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;
}
```

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	#	Nimi	Tietotyyppi	Length/Set	Etumer	Salli NULL	Zerofill	Oletus
▶	1	profileld	BIGINT	20				AUTO_INCREME
	2	birthYear	INT	11				Ei oletusta
	3	height	DOUBLE					Ei oletusta
	4	weight	DOUBLE					Ei oletusta
1	5	customer_cus	BIGINT	20		V		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)
```

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```
@PrimaryKeyJoinColumn
private BasicProfile basicProfile;

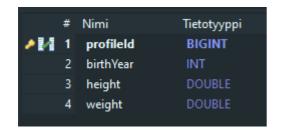
private String firstName;
private String lastName;
}
```

```
@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;
}
```



Task 3

what does this even mean?