

Oracle	Name:
Practice	Class:
Cursor	Date:

Create the following TABLES:

WAGON		
WAGON_ID	INTEGER	PK
WAGON_CLASS	INTEGER	
SEATS	INTEGER	
TRAIN_ID	INTEGER	FK

CUSTOMER		
CUSTOMER_ID	INTEGER	PK
FIRSTNAME	VARCHAR(30)	
FIRST_CLASS	CHAR(1)	
CASH	DECIMAL(10,2)	
WAGON_ID	INTEGER	FK

BOARDING	
CUSTOMER_ID	INTEGER
STATION_FROM	VARCHAR(30)
STATION_TO	VARCHAR(30)
PROCESSED	CHAR(1)
TICKET_ID	INTEGER

TRAIN		
TRAIN_ID	INTEGER	PK
DEPARTURE_TIME	TIME	
STATION_FROM	VARCHAR(30)	
STATION_TO	VARCHAR(30)	
PRICE_FIRST	DECIMAL(6,2)	
PRICE_SECOND	DECIMAL(6,2)	

TICKET		
TICKET_ID	INTEGER	PK
CUSTOMER_ID	INTEGER	FK
BUY_DATE	DATE	
PRICE	DECIMAL(6,2)	
VALID	CHAR(1)	

DEBOARDING	
CUSTOMER_ID	INTEGER
STATION_TO	VARCHAR(30)
PROCESSED	CHAR(1)

Add data for testing.

#### BOARDING

1 Wien Baden N NULL  
4 Wien Linz N NULL  
6 Baden Leobersdorf N NULL

#### DEBOARDING

1 NULL N  
2 NULL N  
4 NULL N

Create a new PL/SQL block for boarding multiple customers.

Call

```
boarding(CUSTOMER_ID IN, STATION_FROM IN, STATION_TO IN,  
         DEPARTURE_TIME OUT)
```

```
=> return TICKET_ID (sequence)
```

Update

**BOARDING**

```
1 Wien  Baden      Y 1000
```

```
4 Wien  Linz       Y NULL
```

```
6 Baden Leobersdorf Y 1001
```

Create a new PL/SQL block for deboarding multiple customers.

Call

```
deboarding(CUSTOMER_ID)
```

```
=> return STATION_TO
```

Update

**DEBOARDING**

```
1 Baden Y
```

```
2 NULL Y
```

```
4 Linz Y
```