

Use the following tables for all of the SQL related questions. These tables are part of a database about train travel. The information below is all that you need to complete the questions.

This table is named **stations**, and each record contains facts about: a unique identifier for each station (*stationID*); the name of the station (*stationName*), along with its location (*city*, *state*, and *zipcode*); and, whether the airport offers *parking*.

stationID	stationName	city	state	zipcode	parking
ATL	Peachtree Station	Atlanta	GA	30309	yes
CHI	Union Station	Chicago	IL	60606	no
DAL	Eddie Bernice Johnson Union Station	Dallas	TX	75202	yes
NYP	Penn Station	New York	NY	10001	no
OKJ	Jack London Square Station	Oakland	CA	94607	yes
SEA	King Street Station	Seattle	WA	98104	no

This table is named **trains**, and each record contains facts about: a unique identifier for that train (*trainID*); the station identifier for the train's departure (*departsFrom*) and arrival (*arrivesAt*) locations; the *duration* of the trip in hours; the cost (*price*) of the trip in U.S. Dollars; and, the descriptive name of the train route (*lineName*).

trainID	departsFrom	arrivesAt	duration	price	lineName
train_1	ATL	DAL	64	327	20 Crescent
train_2	DAL	OKJ	75	314	22 Texas Eagle
train_3	OKJ	SEA	22	114	14 Coast Starlight
train_4	SEA	CHI	45	188	8 Empire Builder
train_5	CHI	NYP	19	112	48 Lake Shore Limited
train_6	NYP	ATL	17	164	19 Crescent
train_7	ATL	CHI	17	742	20 Acela-Crescent
train_8	CHI	OKJ	38	1117	421 Acela-Texas Eagle
train_9	OKJ	ATL	70	246	8 Empire Builder

This table is named **passengers**, and each record contains facts about: a unique identifier for that passenger (*passengerID*); the first (*firstName*) and last (*lastName*) names of the passenger; the identifier of the train that they are taking (*riding*); and, the amount of money (*credit*) they have to (eventually) purchase their ticket.

passengerID	firstName	lastName	riding	credit
rider_1	Bruce	Wayne	train_5	2000
rider_2	Diana	Prince	train_8	200
rider_3	Barry	Allen	train_5	760
rider_4	Arthur	Curry	NULL	300
rider_5	Clark	Kent	train_6	100
rider_6	Oliver	Queen	NULL	1000

Some key facts about the data, including how the tables are related:

- The train identifier values (*riding*) in the **passengers** table must either: [1] represent a valid train identifier (*trainID*) from the **trains** table; or, [2] be **null**.
- The station identifier values (*departsFrom* and *arrivesAt*) in the **trains** table must represent valid station identifiers (*stationID*) from the **stations** table.

Further details about the specific foreign key policies for each of these relationships (e.g., **restrict**, **cascade**, **set null**) will be specified in the individual problems.