

1. One query must be a basic SELECT/FROM/WHERE query

first_name	last_name	
Aaron	Rodgers	
Anthony	Richardson	
Baker	Mayfield	
Brock	Purdy	
Bryce	Young	
C.J.	Stroud	
Dak	Prescott	
Daniel	Jones	
Derek	Carr	
Deshaun	Watson	
Desmond	Ritter	
Drake	Maye	
Gardner	Minshew	
Geno	Smith	
Jalen	Hurts	
James	Allen	
Jared	Goff	
Jimmy	Garoppolo	
Joe	Burrow	
Jordan	Love	
Justin	Fields	
Justin	Herbert	
Kenny	Pickett	
Kirk	Cousins	
Kyler	Murray	
Lamar	Jackson	
Matthew	Stafford	
Patrick	Mahomes	
Russell	Wilson	
Ryan	Tannehill	
Sam	Howell	

2. One query must answer a question that needs to join 2 or more tables

first_name	last_name	team_name	city	stadium	
Kyle	Shanahan	49ers	Santa Clara	Levi's Stadium	
Matt	Eberflus	Bears	Chicago	Soldier Field	
Zac	Taylor	Bengals	Cincinnati	Paycor Stadium	
Sean	McDermott	Bills	Buffalo	Highmark Stadium	
Sean	Payton	Broncos	Denver	Empower Field at Mile High	
Kevin	Stefanski	Browns	Cleveland	Huntington Bank Field	
Todd	Bowles	Buccaneers	Tampa Bay	Raymond James Stadium	
Jonathan	Gannon	Cardinals	Glendale	State Farm Stadium	
Jim	Harbaugh	Chargers	Los Angeles	SoFi Stadium	
Andy	Reid	Chiefs	Kansas City	GEHA Field at Arrowhead Stadium	
Shane	Steichen	Colts	Indianapolis	Lucas Oil Stadium	
Dan	Quinn	Command...	Landover	FedExField	
Mike	McCarthy	Cowboys	Arlington	AT&T Stadium	
Mike	McDaniel	Dolphins	Miami	Hard Rock Stadium	
Nick	Sirianni	Eagles	Philadelphia	Lincoln Financial Field	
Raheem	Morris	Falcons	Atlanta	Mercedes-Benz Stadium	
Brian	Daboll	Giants	East Ruth...	MetLife Stadium	
Doug	Pederson	Jaguars	Jacksonville	TIAA Bank Field	
Jeff	Ulrich	Jets	East Ruth...	MetLife Stadium	
Dan	Campbell	Lions	Detroit	Ford Field	
Matt	LaFleur	Packers	Green Bay	Lambeau Field	
Dave	Caneles	Panthers	Charlotte	Bank of America Stadium	
Jerod	Mayo	Patriots	Foxborough	Gillette Stadium	
Antonio	Pierce	Raiders	Las Vegas	Allegiant Stadium	
Sean	McVay	Rams	Los Angeles	SoFi Stadium	
John	Harbaugh	Ravens	Baltimore	M&T Bank Stadium	
Dennis	Allen	Saints	New Orleans	Caesars Superdome	
Mike	Macdonald	Seahawks	Seattle	Lumen Field	
Mike	Tomlin	Steelers	Pittsburgh	Acrisure Stadium	
DeMeco	Ryans	Texans	Houston	NRG Stadium	
Brian	Callahan	Titans	Nashville	Nissan Stadium	

3. One query must have a subquery

first_name	last_name
Aaron	Banks
Brandon	Aiyuk
Brock	Purdy
Charvarius	Ward
Christian	McCaffrey
Dee	Ford
Deebo	Samuel
Drake	Jackson
Fred	Warner
George	Kittle
Jake	Brendel
Jimmie	Ward
Jimmy	Garoppolo
Nick	Bosa
Talanoa	Hufanga
Trent	Williams
Braxton	Jones
Cody	Whitehair
Cole	Kmet
Damell	Mooney
David	Montgo...
DJ	Moore
Eddie	Jackson
Greg	Stanton
Jack	Sanborn
Jalen	Johnson
Jaguan	Briker
Justin	Fields
Khalil	Herbert
Roguan	Smith
Teven	Jenkins

continued output i could not screen shot all of it

#### 4. One query must have an aggregate function and GROUP BY clause

team_name	total_wins
49ers	35
Bears	16
Bengals	31
Bills	35
Broncos	20
Browns	26
Buccaneers	30
Cardinals	19
Chargers	24
Chiefs	37
Colts	22
Command...	19
Cowboys	36
Dolphins	29
Eagles	34
Falcons	21
Giants	19
Jaguars	21
Jets	18
Lions	24
Packers	30
Panthers	14
Patriots	22
Raiders	24
Rams	27
Ravens	31
Saints	25
Seahawks	25
Steelers	28
Texans	17
Titans	25

#### 1. One query must add a record to one or more tables

first_name	last_name	team_name	position	number	height
Andrew	Potts	Frogs	QB	10	6.20
John	Smith	Frogs	RB	22	5.11
NULL	NULL	NULL	NULL	NULL	NULL

2. One query must delete a record from one or more tables

first_name	last_name	team_name	position	number	height	
John	Smith	Frogs	RB	22	5.11	
NULL	NULL	NULL	NULL	NULL	NULL	

3. You have foreign key ON UPDATE constraints that make sense on a table/tables and write an SQL query to demonstrate how one of them works.

first_name	last_name	team_name	
John	Smith	Horned Frogs	
NULL	NULL	NULL	

4. You have foreign key ON DELETE constraints that make sense on a table/tables and write an SQL query to demonstrate how one of them works.

first_name	last_name	team_name	position	number	height	
NULL	NULL	NULL	NULL	NULL	NULL	