entries of songs played on one account

song	artist	duration(min)	release_year	genre
peek a boo	migos	3	2018	HipHop/Rap
way back	trvis scott	4	2016	HipHop/Rap
hyfr	drake	4	2011	HipHop/Rap
boss	lil pump	3	2017	HipHop/Rap
reminder	weeknd	5	2017	R&B
arabella	arctic monkeys	5	2012	ROCK
way back	trvis scott	4	2016	HipHop/Rap
hyfr	drake	4	2011	HipHop/Rap
way back	trvis scott	4	2016	HipHop/Rap
arabella	arctic monkeys	5	2012	ROCK

1NF
removing repeating rows

song	artist	duration(min)	release_year	genre
peek a boo	migos	3	2018	HipHop/Rap
way back	trvis scott	4	2016	HipHop/Rap
hyfr	drake	4	2011	HipHop/Rap
boss	lil pump	3	2017	HipHop/Rap
reminder	weeknd	5	2017	R&B
arabella	arctic monkeys	5	2012	ROCK

2NF

song	artist		artist	genre
peek a boo	migos		migos	HipHop/Rap
way back	trvis scott		trvis scott	HipHop/Rap
hyfr	drake		drake	HipHop/Rap
boss	lil pump		lil pump	HipHop/Rap
reminder	weeknd		weeknd	R&B
arabella	arctic monkeys		arctic monkeys	ROCK

song	duration(min)		song	release_year
peek a boo	3		peek a boo	2018
way back	4		way back	2016
hyfr	4		hyfr	2011
boss	3		boss	2017
reminder	5		reminder	2017
arabella	5		arabella	2012

3NF

adding integrity contraints

song table-> primary key=>

song id	song	artist id	duration(min)
1	peek a boo	1	3
2	way back	2	4
3	hyfr	3	4
4	boss	4	3
5	reminder	5	5
6	arabella	6	5

artist table -> primarykey =>

artist id	artist
1	migos
2	trvis scott
3	drake
4	lil pump
5	weeknd
6	arctic monkeys

genre table primary key=>

genre id	genre
1	Hiphop/Rap
2	Rock
3	R&B

release year table, primary key=>

song id	release_year
1	2018
2	2016
3	2011
4	2017
5	2017
6	2012

artist genre table, primary key=>

artist id	genre id
1	1
2	1
3	1
4	1
5	3
6	2