MySql workbench Queries for Design of Guvi Zen Class

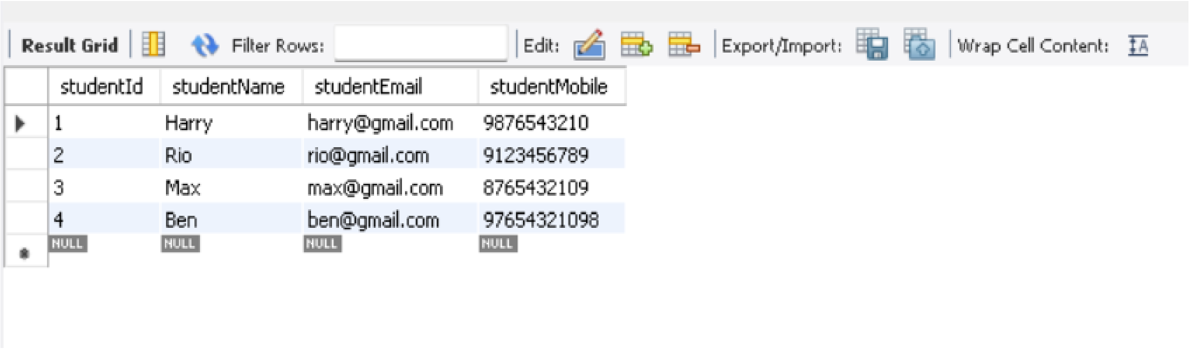
```
create database guvi_zen_class;
use guvi_zen_class;

create table student(
studentId int unique auto_increment not null,
studentName varchar(255) not null,
studentEmail varchar(255) unique not null,
studentMobile varchar(255) unique not null,

primary key(studentId)
);

insert into student(studentName,studentEmail,studentMobile) values
('Harry','harry@gmail.com','9876543210'),
('Rio','rio@gmail.com','9123456789'),
('Max','max@gmail.com','8765432109'),
('Ben','ben@gmail.com','97654321098');

select * from student;
```



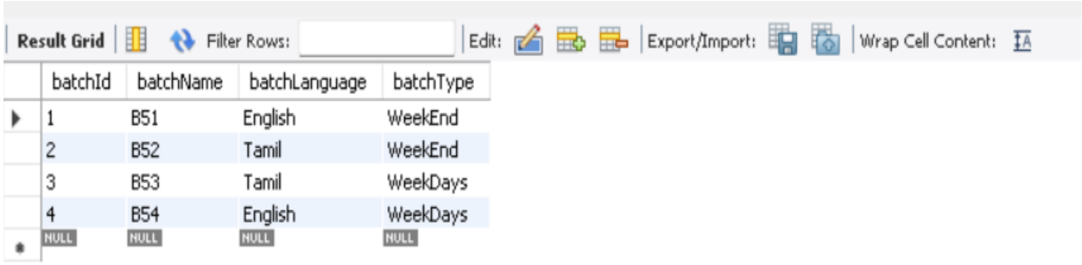
studentId	studentName	studentEmail	studentMobile
1	Harry	harry@gmail.com	9876543210
2	Rio	rio@gmail.com	9123456789
3	Max	max@gmail.com	8765432109
4	Ben	ben@gmail.com	97654321098
NULL	NULL	NULL	NULL

```
create table batch(
batchId int unique auto_increment not null,
batchName varchar(255) not null,
batchLanguage varchar(255) not null,
batchType varchar(255) not null,

primary key(batchId)
);

insert into batch(batchName,batchLanguage,batchType) values
('B51','English','WeekEnd'),
('B52','Tamil','WeekEnd'),
('B53','Tamil','WeekDays'),
('B54','English','WeekDays');

select * from batch;
```



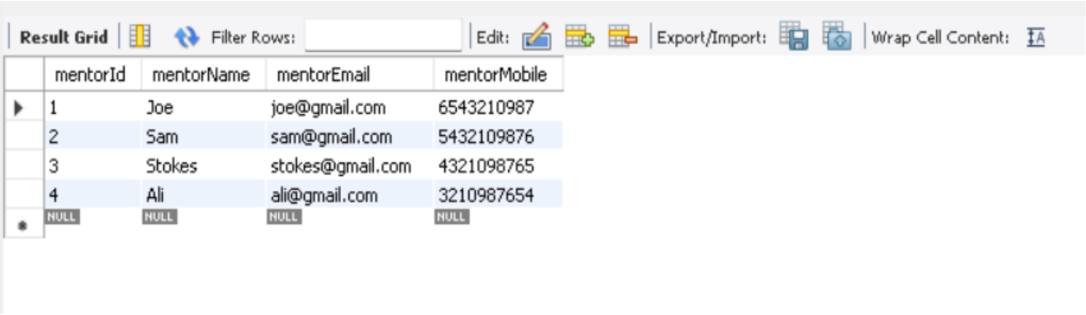
	batchId	batchName	batchLanguage	batchType
▶	1	B51	English	WeekEnd
	2	B52	Tamil	WeekEnd
	3	B53	Tamil	WeekDays
	4	B54	English	WeekDays
*	NULL	NULL	NULL	NULL

```
create table mentor(
mentorId int unique auto_increment not null,
mentorName varchar(255) not null,
mentorEmail varchar(255) unique not null,
mentorMobile varchar(255) unique not null,

primary key(mentorId)
);

insert into mentor(mentorName,mentorEmail,mentorMobile) values
('Joe','joe@gmail.com','6543210987'),
('Sam','sam@gmail.com','5432109876'),
('Stokes','stokes@gmail.com','4321098765'),
('Ali','ali@gmail.com','3210987654');

select * from mentor;
```



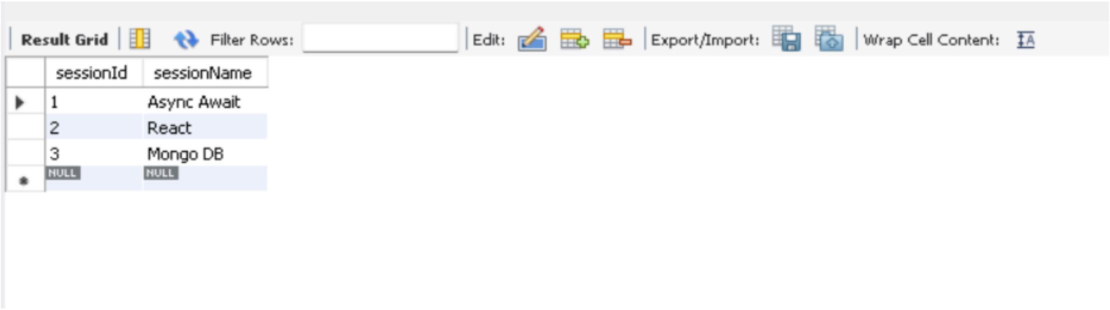
mentorId	mentorName	mentorEmail	mentorMobile
1	Joe	joe@gmail.com	6543210987
2	Sam	sam@gmail.com	5432109876
3	Stokes	stokes@gmail.com	4321098765
4	Ali	ali@gmail.com	3210987654
NULL	NULL	NULL	NULL

```
create table sessions(
sessionId int unique auto_increment not null,
sessionName varchar(255) not null,

primary key(sessionId)
);

insert into sessions(sessionName) values
('Async Await'),
('React'),
('Mongo DB');

select * from sessions;
```



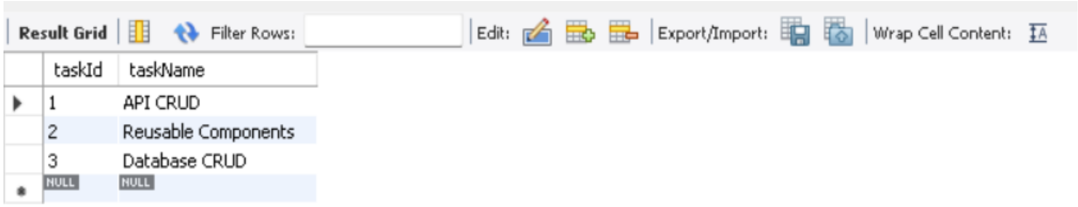
sessionId	sessionName
1	Async Await
2	React
3	Mongo DB
NULL	NULL

```
create table tasks(
taskId int unique auto_increment not null,
taskName varchar(255) not null,

primary key(taskId)
);

insert into tasks(taskName) values
('API CRUD'),
('Reusable Components'),
('Database CRUD');

select * from tasks;
```



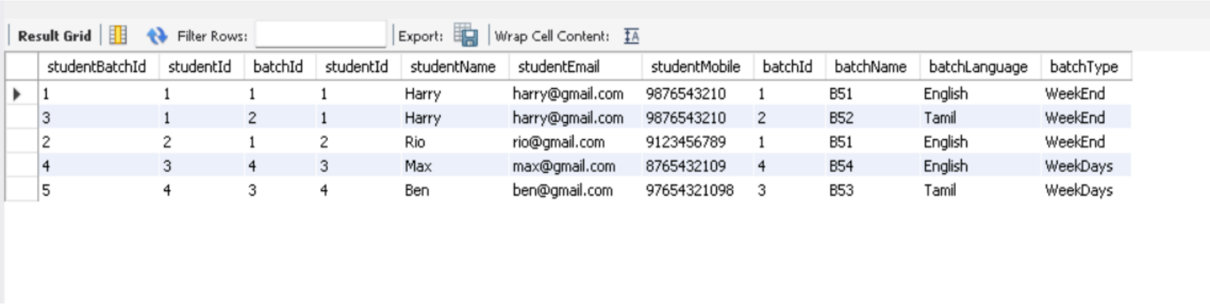
taskId	taskName
1	API CRUD
2	Reusable Components
3	Database CRUD
NULL	NULL

```
create table student_batch_assign(
studentBatchId int unique auto_increment not null,
studentId int not null,
batchId int not null,

primary key(studentBatchId),
foreign key(studentId) references student(studentId),
foreign key(batchId) references batch(batchId)
);
```

```
insert into student_batch_assign(studentId,batchId) values
(1,1),(2,1),(1,2),(3,4),(4,3);
```

```
select * from student_batch_assign
join student on student_batch_assign.studentId = student.studentId
join batch on student_batch_assign.batchId = batch.batchId;
```



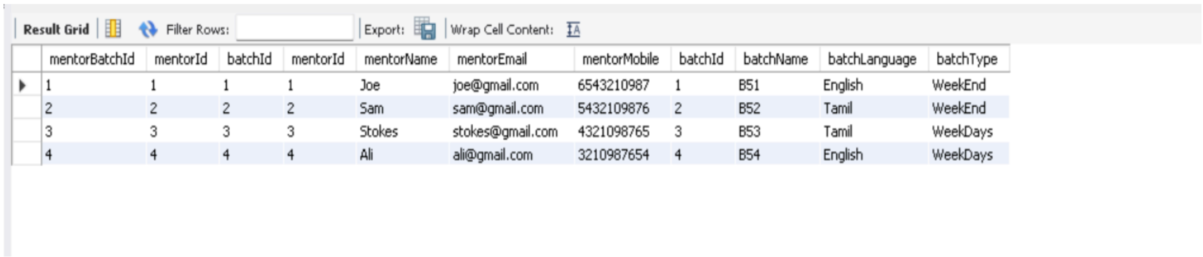
	studentBatchId	studentId	batchId	studentId	studentName	studentEmail	studentMobile	batchId	batchName	batchLanguage	batchType
▶	1	1	1	1	Harry	harry@gmail.com	9876543210	1	B51	English	WeekEnd
	3	1	2	1	Harry	harry@gmail.com	9876543210	2	B52	Tamil	WeekEnd
	2	2	1	2	Rio	rio@gmail.com	9123456789	1	B51	English	WeekEnd
	4	3	4	3	Max	max@gmail.com	8765432109	4	B54	English	WeekDays
	5	4	3	4	Ben	ben@gmail.com	97654321098	3	B53	Tamil	WeekDays

```
create table mentor_batch_assign(
mentorBatchId int unique auto_increment not null,
mentorId int not null,
batchId int not null,

primary key(mentorBatchId),
foreign key(mentorId) references mentor(mentorId),
foreign key(batchId) references batch(batchId)
);
```

```
insert into mentor_batch_assign(mentorId,batchId) values
(1,1),(2,2),(3,3),(4,4);
```

```
select * from mentor_batch_assign
join mentor on mentor_batch_assign.mentorId = mentor.mentorId
join batch on mentor_batch_assign.batchId = batch.batchId;
```



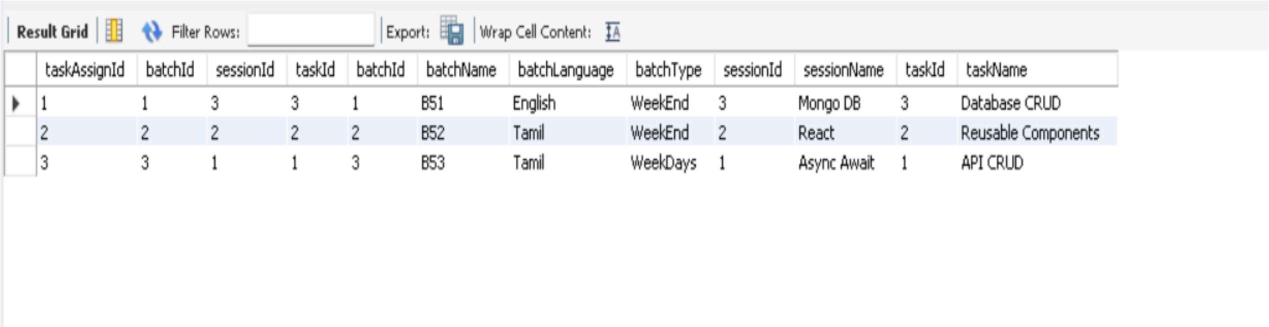
	mentorBatchId	mentorId	batchId	mentorId	mentorName	mentorEmail	mentorMobile	batchId	batchName	batchLanguage	batchType
▶	1	1	1	1	Joe	joe@gmail.com	6543210987	1	B51	English	WeekEnd
	2	2	2	2	Sam	sam@gmail.com	5432109876	2	B52	Tamil	WeekEnd
	3	3	3	3	Stokes	stokes@gmail.com	4321098765	3	B53	Tamil	WeekDays
	4	4	4	4	Ali	ali@gmail.com	3210987654	4	B54	English	WeekDays

```
create table task_session_batch_assign(
taskAssignId int unique auto_increment not null,
batchId int not null,
sessionId int not null,
taskId int not null,

primary key(taskAssignId),
foreign key(batchId) references batch(batchId),
foreign key(taskId) references tasks(taskId),
foreign key(sessionId) references sessions(sessionId)
);

insert into task_session_batch_assign(batchId,sessionId,taskId)
values
(1,3,3),(2,2,2),(3,1,1);

select * from task_session_batch_assign
join batch on task_session_batch_assign.batchId = batch.batchId
join sessions on task_session_batch_assign.sessionId =
sessions.sessionId
join tasks on task_session_batch_assign.taskId = tasks.taskId;
```



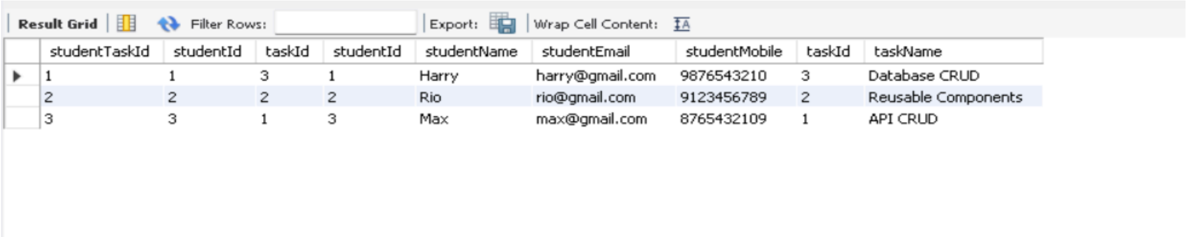
taskAssignId	batchId	sessionId	taskId	batchId	batchName	batchLanguage	batchType	sessionId	sessionName	taskId	taskName
1	1	3	3	1	B51	English	WeekEnd	3	Mongo DB	3	Database CRUD
2	2	2	2	2	B52	Tamil	WeekEnd	2	React	2	Reusable Components
3	3	1	1	3	B53	Tamil	WeekDays	1	Async Await	1	API CRUD

```
create table student_task_assign(
studentTaskId int unique auto_increment not null,
studentId int not null,
taskId int not null,

primary key(studentTaskId),
foreign key(studentId) references student(studentId),
foreign key(taskId) references tasks(taskId)
);

insert into student_task_assign(studentId,taskId) values
(1,3),(2,2),(3,1);

select * from student_task_assign
join student on student_task_assign.studentId = student.studentId
join tasks on student_task_assign.taskId = tasks.taskId
```



studentTaskId	studentId	taskId	studentId	studentName	studentEmail	studentMobile	taskId	taskName
1	1	3	1	Harry	harry@gmail.com	9876543210	3	Database CRUD
2	2	2	2	Rio	rio@gmail.com	9123456789	2	Reusable Components
3	3	1	3	Max	max@gmail.com	8765432109	1	API CRUD