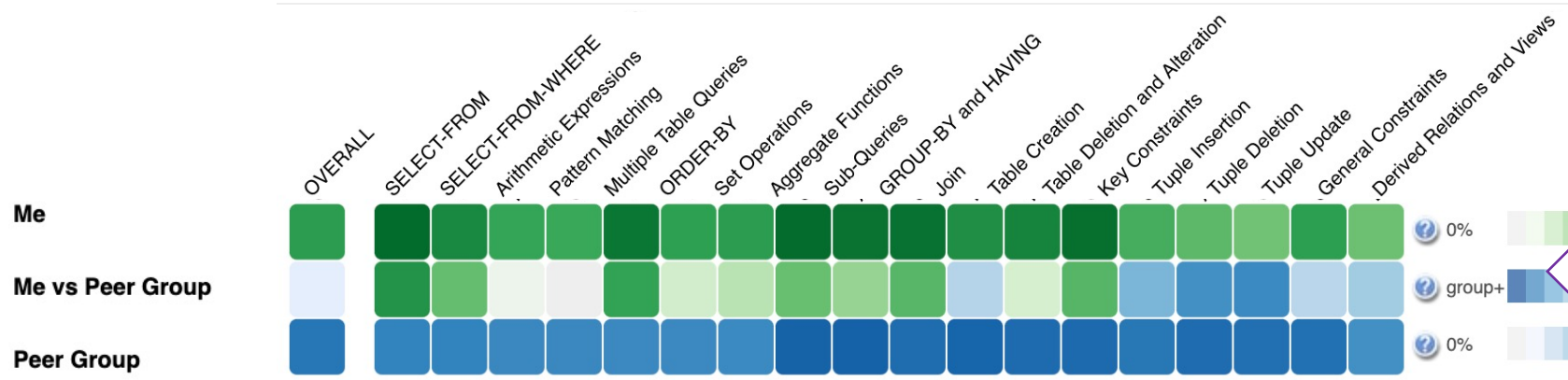


The system lets you practice with multiple learning content and track your progress in the system.

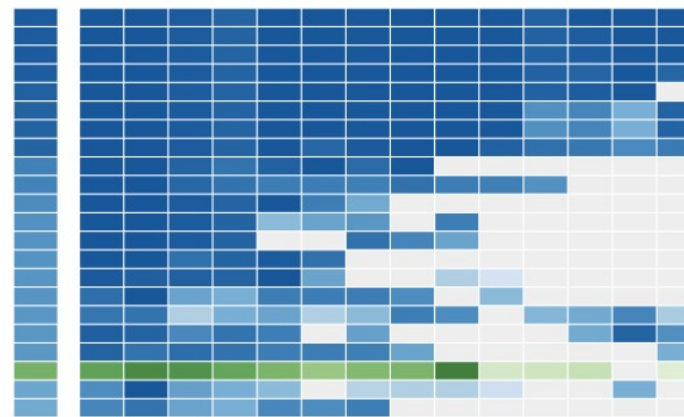
The system also has features to compare your in-system progress with your peers in the class.



Progress Visualization

- First row (Me) shows **your progress** (Darker green means more progress on that topic)
- Second row (Me vs group) **compares your progress with the average progress of the selected peers** (Darker green means you have more progress than the Dynamic group; darker blue means they have more progress than you; grey means equal progress).
- Third row (Group) shows the **average progress of the selected peers** (Darker blue means more progress on that topic)

Ranked list of students in Peer Group (you are 20th out of 69)



Show progress ranked list

Click the button above to load your peers and see your current ranking among them based on your progress in the system.

20. Me ->

Progress Comparison Options



Select progress range

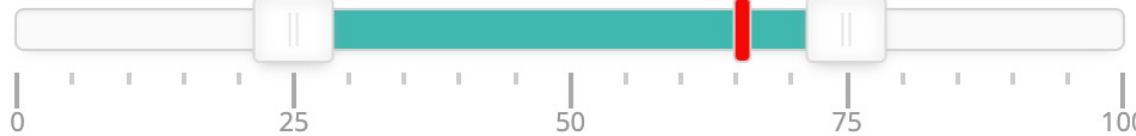
Select specific peers

- ## Progress Comparison Options



Select progress range

Select specific peers



Red colored vertical bar shows your current position in the class on 0-100 axis. The closer the bar to 100 means that your progress is closer to the highest progress among your peers

When you move the handles, you will notice that the visualization changes accordingly. Also, the system updates your position on the slider based on **your progress** automatically when you practice in the system.

[illegible]

Progress Comparison Options ?

Disable comparison

Select progress range

Select specific peers

You can select your peers by their full names. You can only see students who gave their consent to share their names and in-system progress explicitly.
To enable this functionality, you also need to give your consent to share your full name and in-system progress.

☐ I agree to share my full name and in-system progress.



Progress Comparison Options ?

Disable comparison

Select progress range

Select specific peers

☒ I agree to share my full name and in-system progress. 1 peers selected

Save Peers All None

close

☒ Test Student 1

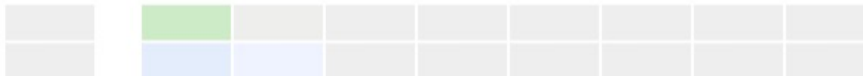
☐ Test Student 2

Reload progress ranked list

Ranked list of students in Peer Group (you are 1st out of 2)

1. Me ->

2. Test student 1



To select specific peers, first you need to provide your **consent** to share your full name and progress with others.

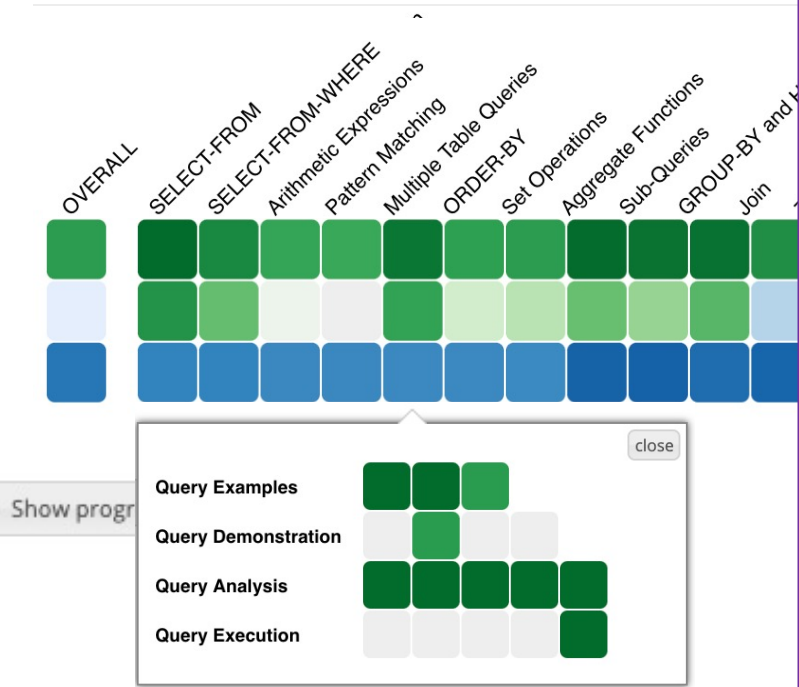
After providing your consent, you will see other students who provided their consent. You can select your specific peers among these students. When you click 'Save Peers', the visualizations will be updated and will reflect your current selection of peers.

With this option, you can see the progress ranking with your peers' full names.

How to Increase your Progress?

To have more greener cells on **Me** row, you need to interact with the learning activities inside each topic.

Click on a topic cell as shown below and access the contents. Viewing query example lines, viewing query demonstrations, or solving problems will increase increase your progress (darker green colors)



Query Examples

View line by line annotations of SQL statements

```
SELECT S.name, E.cid
  This example is to retrieve student's name and course id.
FROM Student S, Enrolled E
WHERE S.sid = E.sid AND E.grade = "A";
```

Query Analysis

You can write SQL statements to solve a given problem statement.

Query Demonstration

Check how an SQL statement is being executed. You can view intermediate results tables by clicking to Next, Previous buttons. You can also view which parts of the statement is being executed.

Database schema

- course
- course_student
- instructor
- student

Query:

```
select i.name_first, i.name_last, i.email from instructor i, course c where i.instructor_id = c.instructor_id and c.department = 'IS'
```

Previous Next Highlight Previous Steps

instructor_id	name_first	name_last	email	departmer
2	John	Doe	john_doe@iou.edu	IS
4	Jill	Dont	jill_dont@iou.edu	IS

Query Execution

Similar to Query Analysis content, here you can solve more problems by writing SQL statements more freely.

Question

Find all actors and their film titles

```
select
```

Submit Answer

Database schema for the given question	
Table Name	Schema-Sample Data(click +/- to show/hide sample data)
accident(+)	report_number,date,location