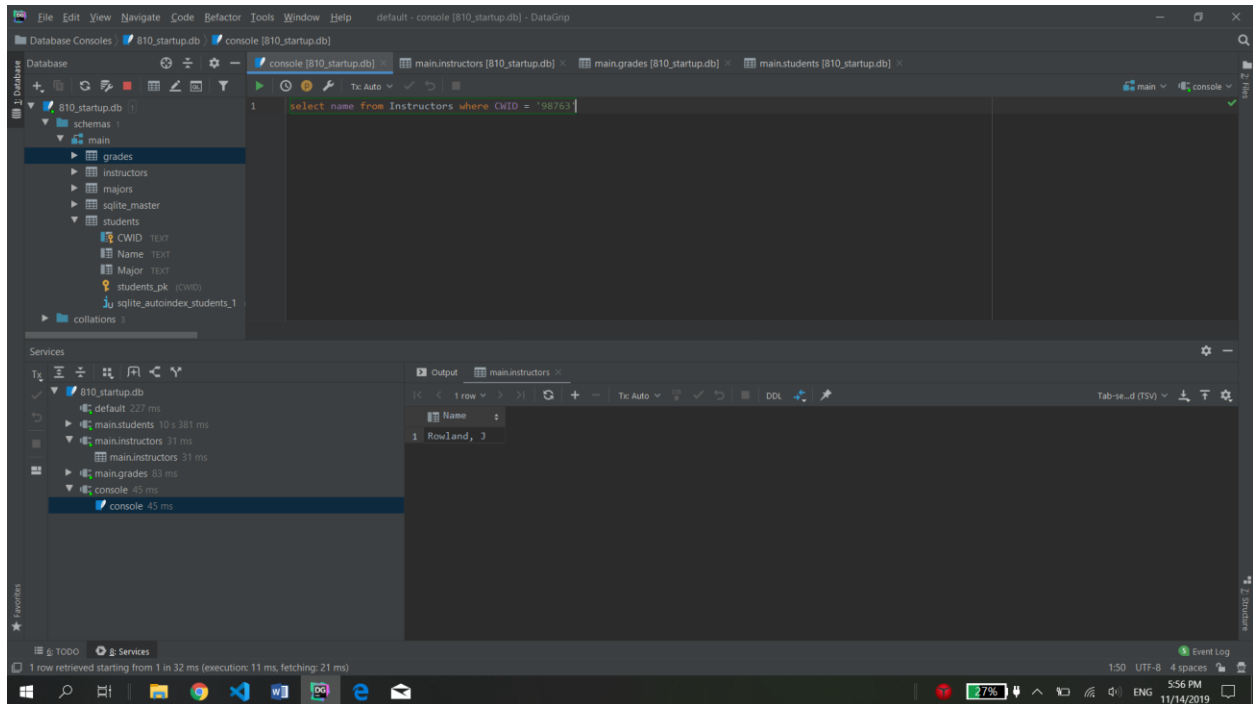
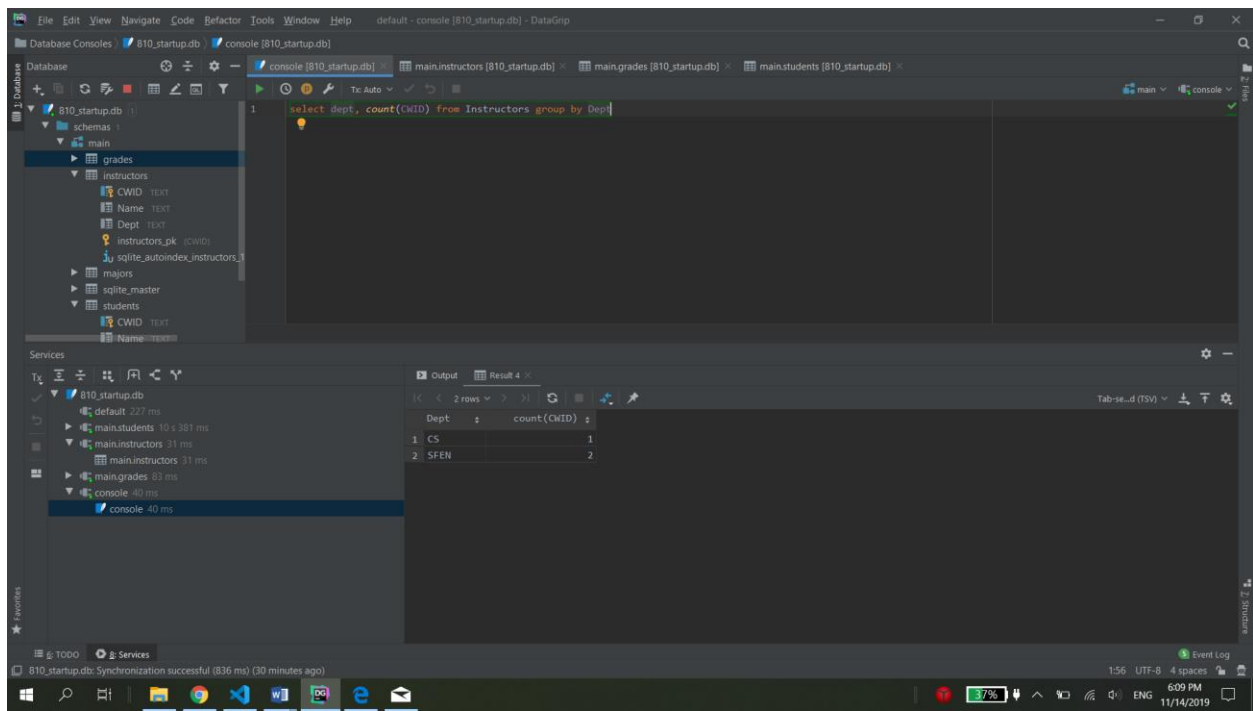


HW 11 Queries and Screen dumps



Select name from Instructors where CWID = '98763'



Select dept, count(CWID) from Instructors group by Dept

The screenshot shows the DataGrip interface with a SQL query in the console:

```
1 select grade,count(1) from grades group by grade having count(grade) =
2 (Select count(grade) from grades group by grade order by count(grade) desc limit 1)
```

The result set shows one row:

Grade	count(1)
A	4

The Services panel shows the execution time for the console query as 38 ms.

```
select grade,count(1) from grades group by grade having count(grade) =
(Select count(grade) from grades group by grade order by count(grade) desc limit 1)
```

The screenshot shows the DataGrip interface with a SQL query in the console:

```
1 select Name,CWID,Major,Course,Grade from students s,grades g where s.CWID = g.StudentCWID
```

The result set shows 9 rows:

	Name	CWID	Major	Course	Grade
1	Jobs, S	10103	SEEN	SSW 810	A-
2	Jobs, S	10103	SEEN	CS 501	B
3	Bezos, J	10115	SEEN	SSW 810	A
4	Bezos, J	10115	SEEN	CS 546	F
5	Musk, E	10183	SEEN	SSW 555	A
6	Musk, E	10183	SEEN	SSW 810	A
7	Gates, B	11714	CS	SSW 810	B-
8	Gates, B	11714	CS	CS 546	A
9	Gates, B	11714	CS	CS 570	A-

The Services panel shows the execution time for the console query as 63 ms.

```
select Name,CWID,Major,Course,Grade from students s,grades g where s.CWID =
g.StudentCWID
```

The screenshot shows the DataGrip interface with a SQL query in the console:

```
select Name from students s,grades g where s.CWID = g.StudentCWID and Course = "SSW 810"
```

The results are displayed in the Output window:

Name
Jobs, S
Bezos, J
Musk, E
Gates, B

The Services panel shows the execution time for the console query as 47 ms.

```
select Name from students s,grades g where s.CWID = g.StudentCWID and Course = "SSW 810"
```

The screenshot shows the DataGrip interface with a SQL query in the console:

```
select i.cwid, i.Name, i.Dept, g.course, COUNT(g.StudentCWID) from grades g,instructors i where i.CWID = g.InstructorCWID group by g.Course, g.InstructorCWID
```

The results are displayed in the Output window:

CWID	Name	Dept	Course	COUNT(g.StudentCWID)
1 98762	Hawking, S	CS	CS 501	1
2 98762	Hawking, S	CS	CS 546	1
3 98764	Cohen, R	SFEN	CS 546	1
4 98762	Hawking, S	CS	CS 570	1
5 98763	Rowland, J	SFEN	SSW 555	1
6 98763	Rowland, J	SFEN	SSW 810	4

The Services panel shows the execution time for the console query as 43 ms.

```
select i.cwid, i.Name, i.Dept, g.course, COUNT(g.StudentCWID) from grades g,instructors i where i.CWID = g.InstructorCWID group by g.Course, g.InstructorCWID
```