DBMS
ASSIGNMENT-5

SUBMITTED BY:

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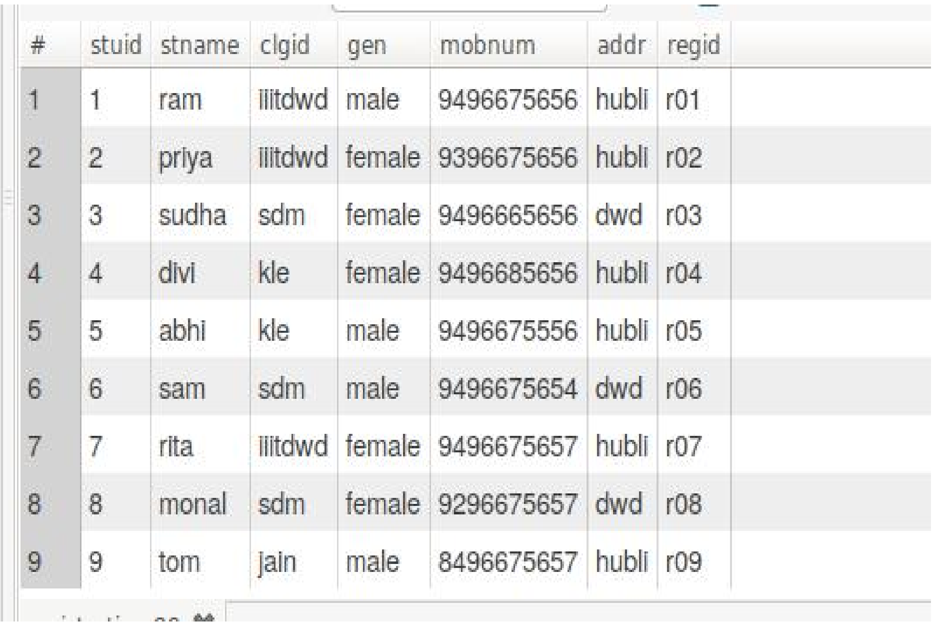
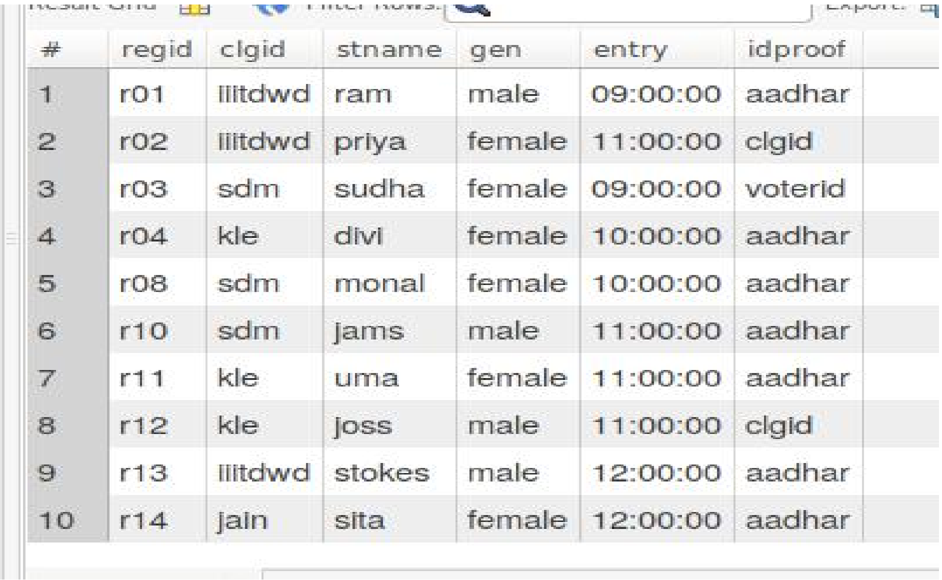
A Database named ass4 is created and created tables named registration,festday1 and festday2 which contains information regarding students registered for fest,students attended io fest on day1 and on day2 respectively

Registration table:



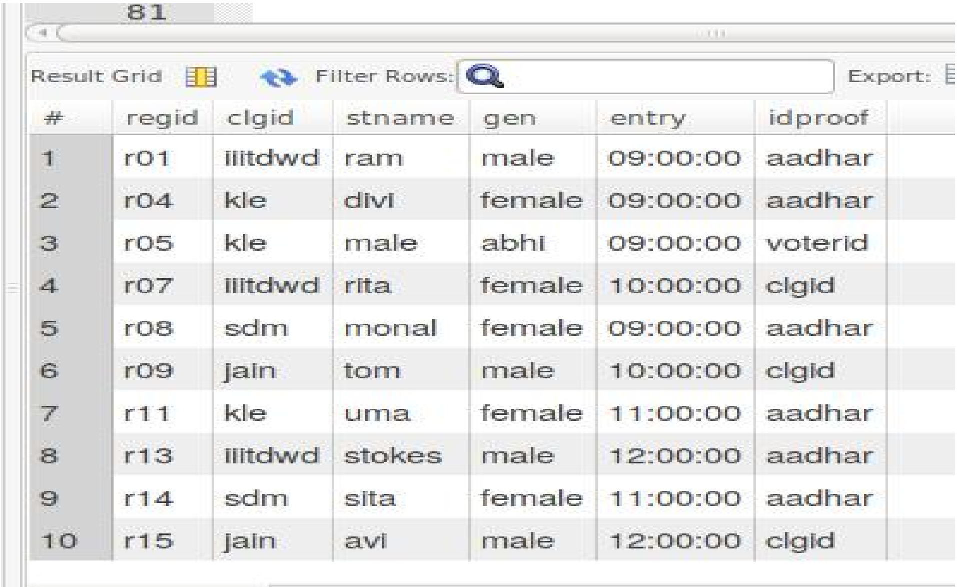
#	stuid	stname	clgid	gen	mobnum	addr	regid
1	1	ram	iiitdwd	male	9496675656	hubli	r01
2	2	priya	iiitdwd	female	9396675656	hubli	r02
3	3	sudha	sdm	female	9496665656	dwd	r03
4	4	divi	kle	female	9496685656	hubli	r04
5	5	abhi	kle	male	9496675556	hubli	r05
6	6	sam	sdm	male	9496675654	dwd	r06
7	7	rita	iiitdwd	female	9496675657	hubli	r07
8	8	monal	sdm	female	9296675657	dwd	r08
9	9	tom	jain	male	8496675657	hubli	r09

Festday1 table:



#	regid	clgid	stname	gen	entry	idproof
1	r01	iiitdwd	ram	male	09:00:00	aadhar
2	r02	iiitdwd	priya	female	11:00:00	clgid
3	r03	sdm	sudha	female	09:00:00	voterid
4	r04	kle	divi	female	10:00:00	aadhar
5	r08	sdm	monal	female	10:00:00	aadhar
6	r10	sdm	jams	male	11:00:00	aadhar
7	r11	kle	uma	female	11:00:00	aadhar
8	r12	kle	joss	male	11:00:00	clgid
9	r13	iiitdwd	stokes	male	12:00:00	aadhar
10	r14	jain	sita	female	12:00:00	aadhar

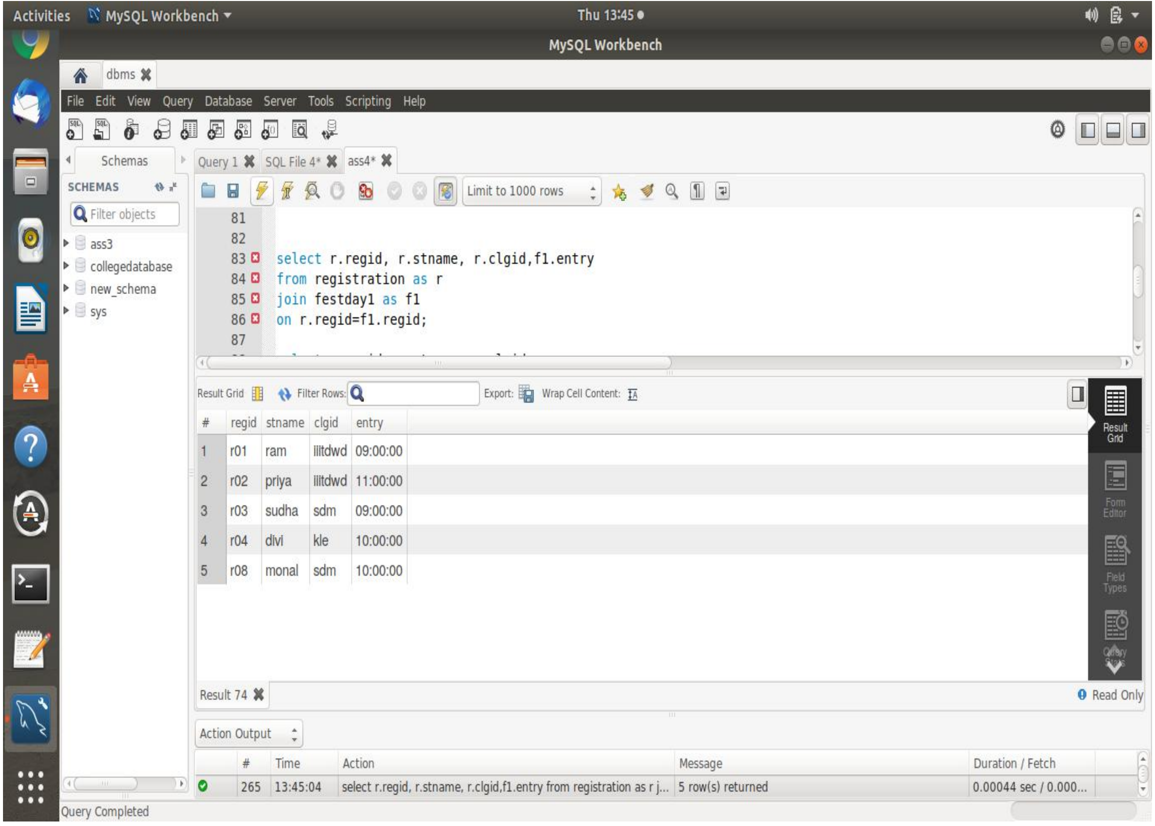
Festday2 table:


Result Grid
Filter Rows:
Export:

#	regid	clgid	stname	gen	entry	idproof
1	r01	iiitdwd	ram	male	09:00:00	aadhar
2	r04	kle	divi	female	09:00:00	aadhar
3	r05	kle	male	abhi	09:00:00	voterid
4	r07	iiitdwd	rita	female	10:00:00	clgid
5	r08	sdm	monal	female	09:00:00	aadhar
6	r09	jain	tom	male	10:00:00	clgid
7	r11	kle	uma	female	11:00:00	aadhar
8	r13	iiitdwd	stokes	male	12:00:00	aadhar
9	r14	sdm	sita	female	11:00:00	aadhar
10	r15	jain	avi	male	12:00:00	clgid

IMPLEMENTING JOIN:

Finding students who have registered and came to fest on day1 using join

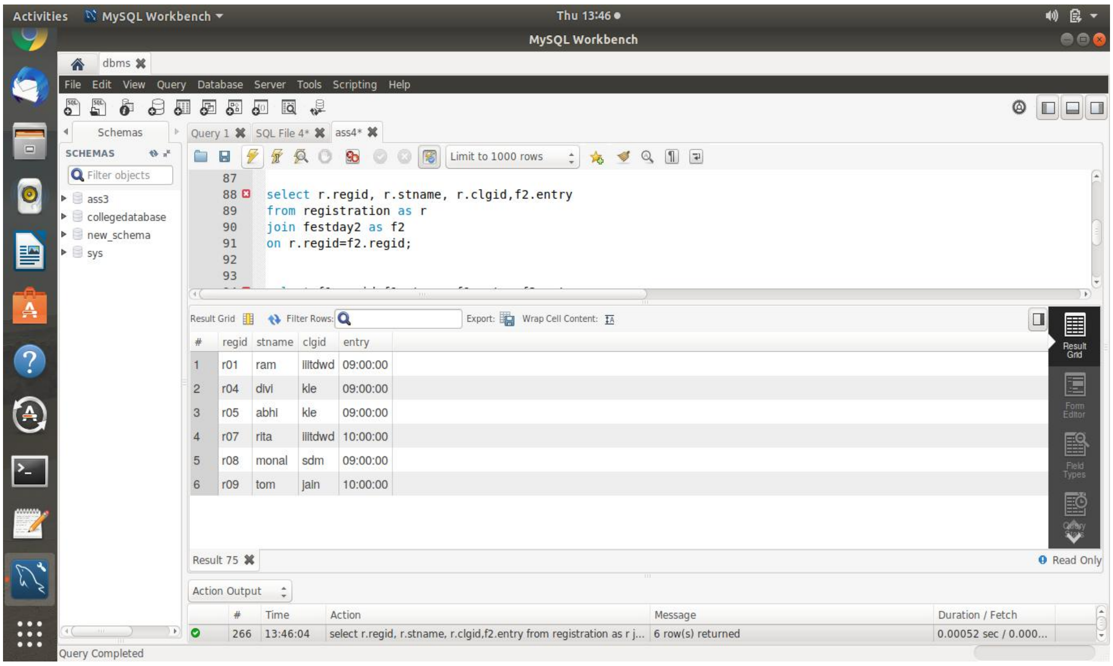


```
select r.regid, r.stname, r.clgid,f1.entry
from registration as r
join festday1 as f1
on r.regid=f1.regid;
```

#	regid	stname	clgid	entry
1	r01	ram	iiitdwd	09:00:00
2	r02	priya	iiitdwd	11:00:00
3	r03	sudha	sdm	09:00:00
4	r04	divi	kle	10:00:00
5	r08	monal	sdm	10:00:00

#	Time	Action	Message	Duration / Fetch
265	13:45:04	select r.regid, r.stname, r.clgid,f1.entry from registration as r j...	5 row(s) returned	0.00044 sec / 0.000...

Finding students who have registered and came to fest on day2 using join



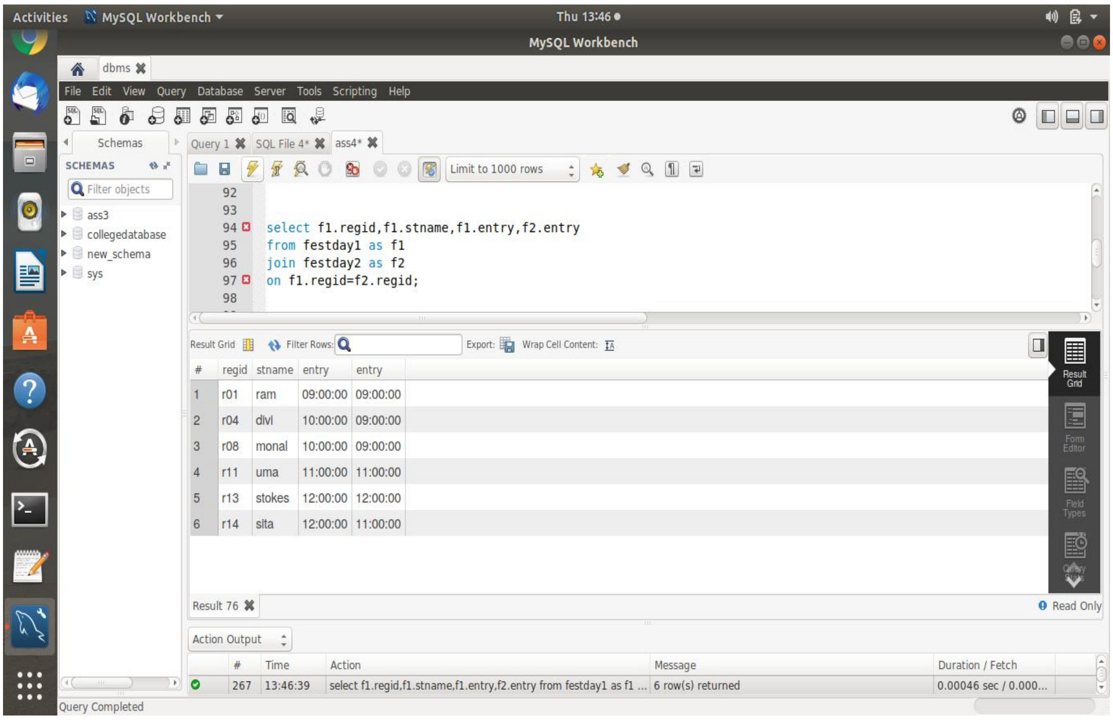
```sql
select r.regid, r.stname, r.clgid,f2.entry
from registration as r
join festday2 as f2
on r.regid=f2.regid;
```

#	regid	stname	clgid	entry
1	r01	ram	iiitdwd	09:00:00
2	r04	divi	kle	09:00:00
3	r05	abhi	kle	09:00:00
4	r07	rita	iiitdwd	10:00:00
5	r08	monal	sdm	09:00:00
6	r09	tom	jain	10:00:00

#	Time	Action	Message	Duration / Fetch
266	13:46:04	select r.regid, r.stname, r.clgid,f2.entry from registration as r j...	6 row(s) returned	0.00052 sec / 0.000...

Query Completed

Finding students who have came to fest on both the days wheather registered or not



```sql
select f1.regid,f1.stname,f1.entry,f2.entry
from festday1 as f1
join festday2 as f2
on f1.regid=f2.regid;
```

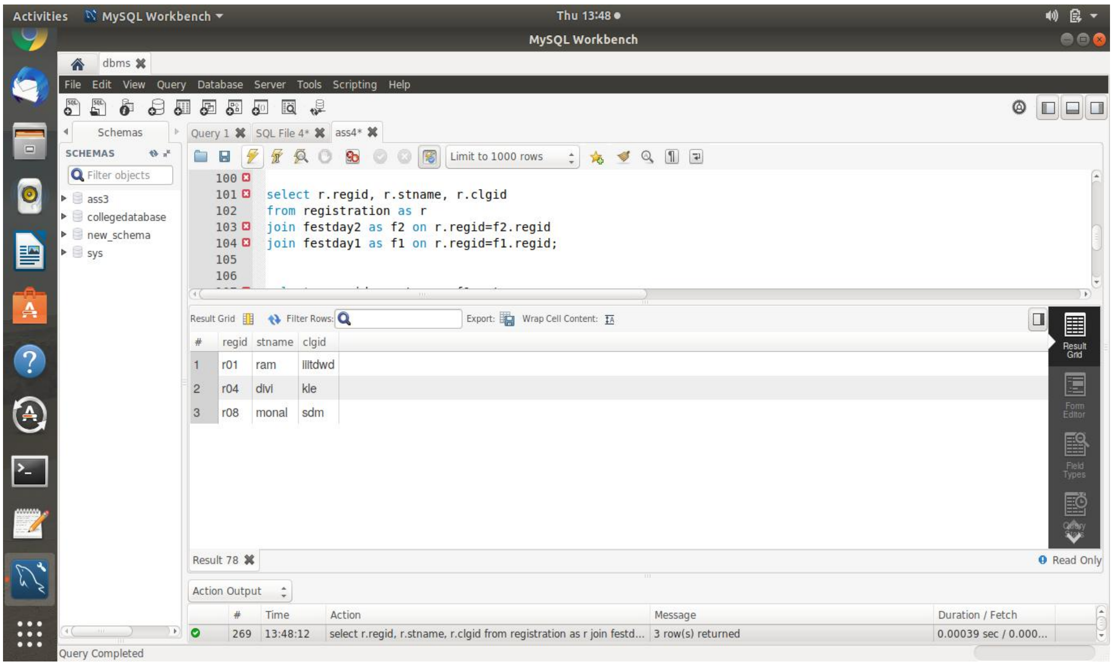
#	regid	stname	entry	entry
1	r01	ram	09:00:00	09:00:00
2	r04	divi	10:00:00	09:00:00
3	r08	monal	10:00:00	09:00:00
4	r11	uma	11:00:00	11:00:00
5	r13	stokes	12:00:00	12:00:00
6	r14	sita	12:00:00	11:00:00

#	Time	Action	Message	Duration / Fetch
267	13:46:39	select f1.regid,f1.stname,f1.entry,f2.entry from festday1 as f1 ...	6 row(s) returned	0.00046 sec / 0.000...

Query Completed

IMPLEMENTING QUERY WITH 2JOINS:

Finding students who have came to fest on both the days and registered using 2joins



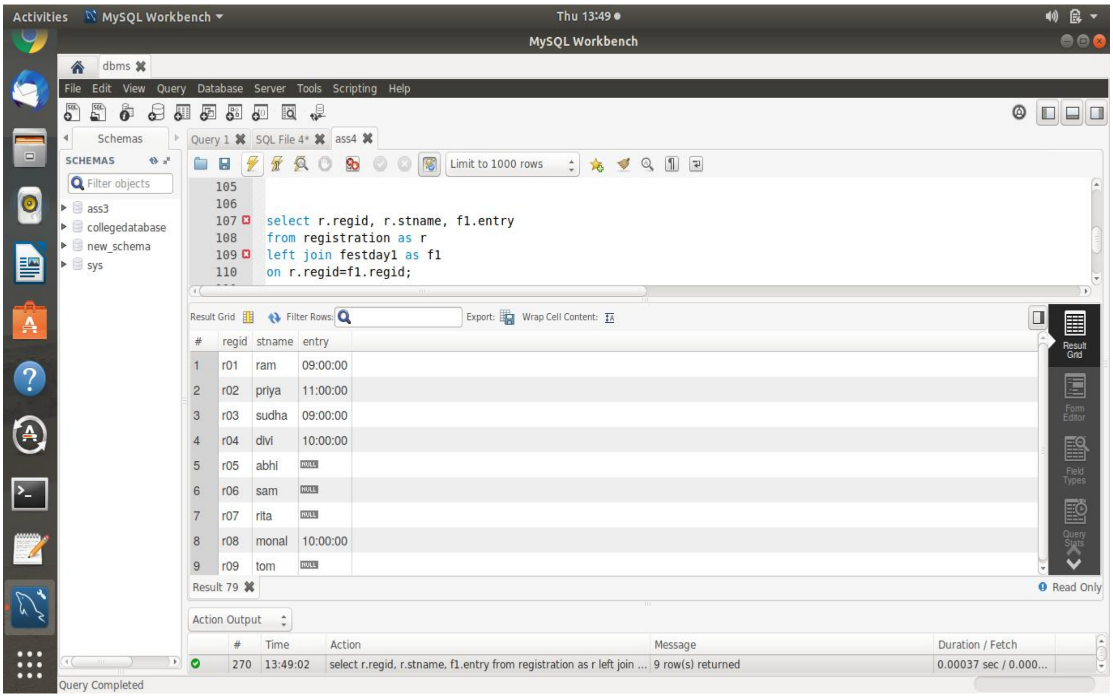
```
select r.regid, r.stname, r.clgid
from registration as r
join festday2 as f2 on r.regid=f2.regid
join festday1 as f1 on r.regid=f1.regid;
```

#	regid	stname	clgid
1	r01	ram	iiitdwd
2	r04	divi	kle
3	r08	monal	sdm

	#	Time	Action	Message	Duration / Fetch
✓	269	13:48:12	select r.regid, r.stname, r.clgid from registration as r join festd...	3 row(s) returned	0.00039 sec / 0.000...

IMPLEMENTING LEFT JOIN:

Finding all students who registered and knowing who came and not came on day1 among them using left join

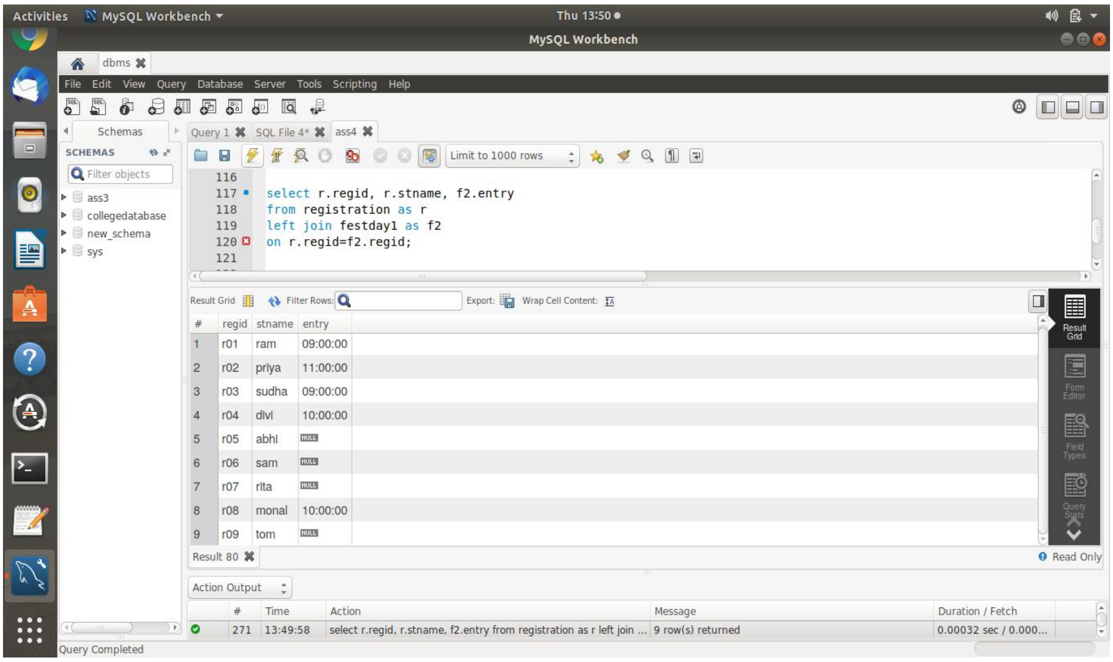


```
select r.regid, r.stname, f1.entry
from registration as r
left join festday1 as f1
on r.regid=f1.regid;
```

#	regid	stname	entry
1	r01	ram	09:00:00
2	r02	priya	11:00:00
3	r03	sudha	09:00:00
4	r04	divi	10:00:00
5	r05	abhi	NULL
6	r06	sam	NULL
7	r07	rita	NULL
8	r08	monal	10:00:00
9	r09	tom	NULL

	#	Time	Action	Message	Duration / Fetch
✓	270	13:49:02	select r.regid, r.stname, f1.entry from registration as r left join ...	9 row(s) returned	0.00037 sec / 0.000...

Finding all students who registered and knowing who came and not came on day2 among them using left join



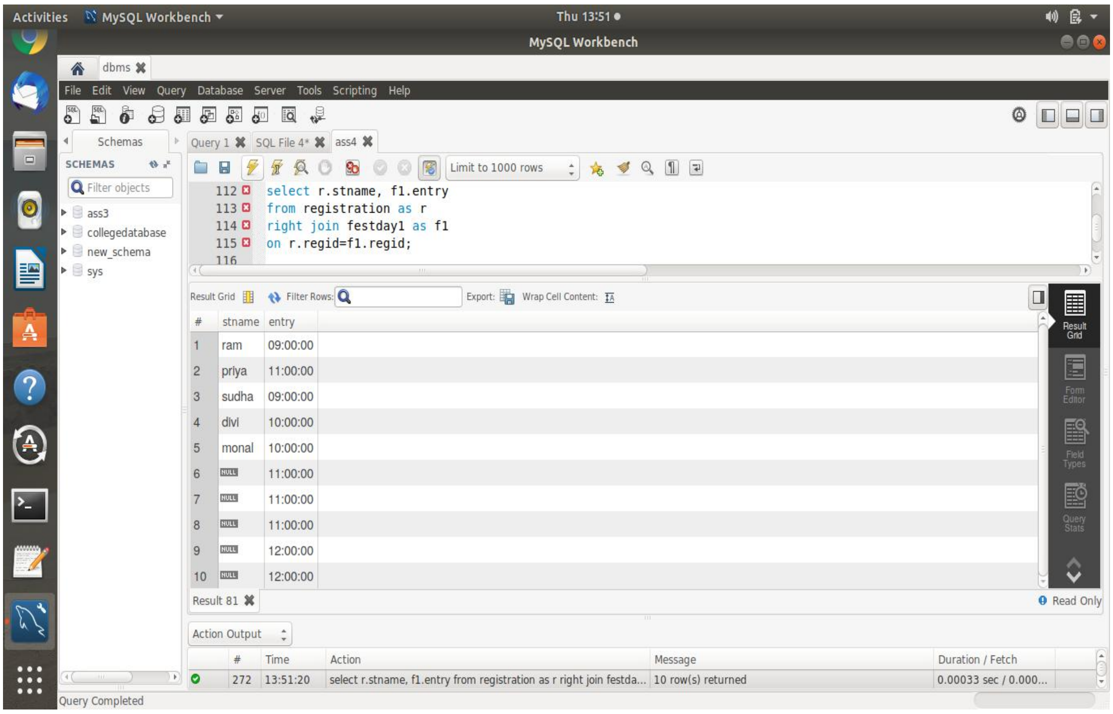
```
select r.regid, r.stname, f2.entry
from registration as r
left join festday1 as f2
on r.regid=f2.regid;
```

#	regid	stname	entry
1	r01	ram	09:00:00
2	r02	priya	11:00:00
3	r03	sudha	09:00:00
4	r04	divi	10:00:00
5	r05	abhi	NULL
6	r06	sam	NULL
7	r07	rita	NULL
8	r08	monal	10:00:00
9	r09	tom	NULL

#	Time	Action	Message	Duration / Fetch
271	13:49:58	select r.regid, r.stname, f2.entry from registration as r left join ...	9 row(s) returned	0.00032 sec / 0.000...

IMPLEMENTING RIGHT JOIN:

Finding students who are registered before among of all the students attended fest on day1 using right join

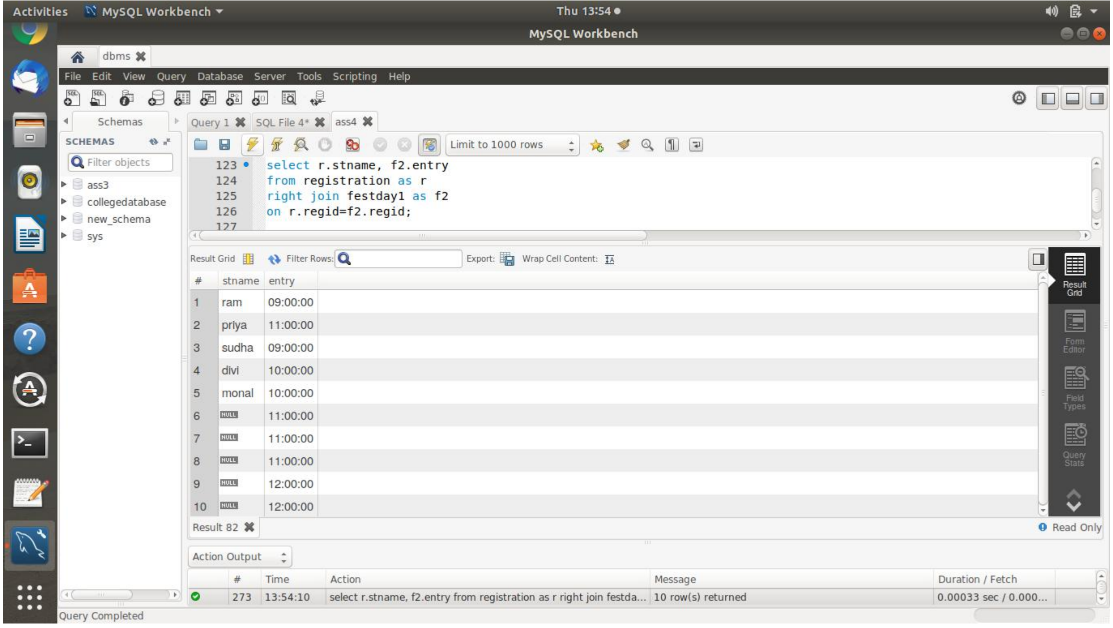


```
select r.stname, f1.entry
from registration as r
right join festday1 as f1
on r.regid=f1.regid;
```

#	stname	entry
1	ram	09:00:00
2	priya	11:00:00
3	sudha	09:00:00
4	divi	10:00:00
5	monal	10:00:00
6	NULL	11:00:00
7	NULL	11:00:00
8	NULL	11:00:00
9	NULL	12:00:00
10	NULL	12:00:00

#	Time	Action	Message	Duration / Fetch
272	13:51:20	select r.stname, f1.entry from registration as r right join festda...	10 row(s) returned	0.00033 sec / 0.000...

Finding students who are registered before among of all the students attended fest on day2 using right join



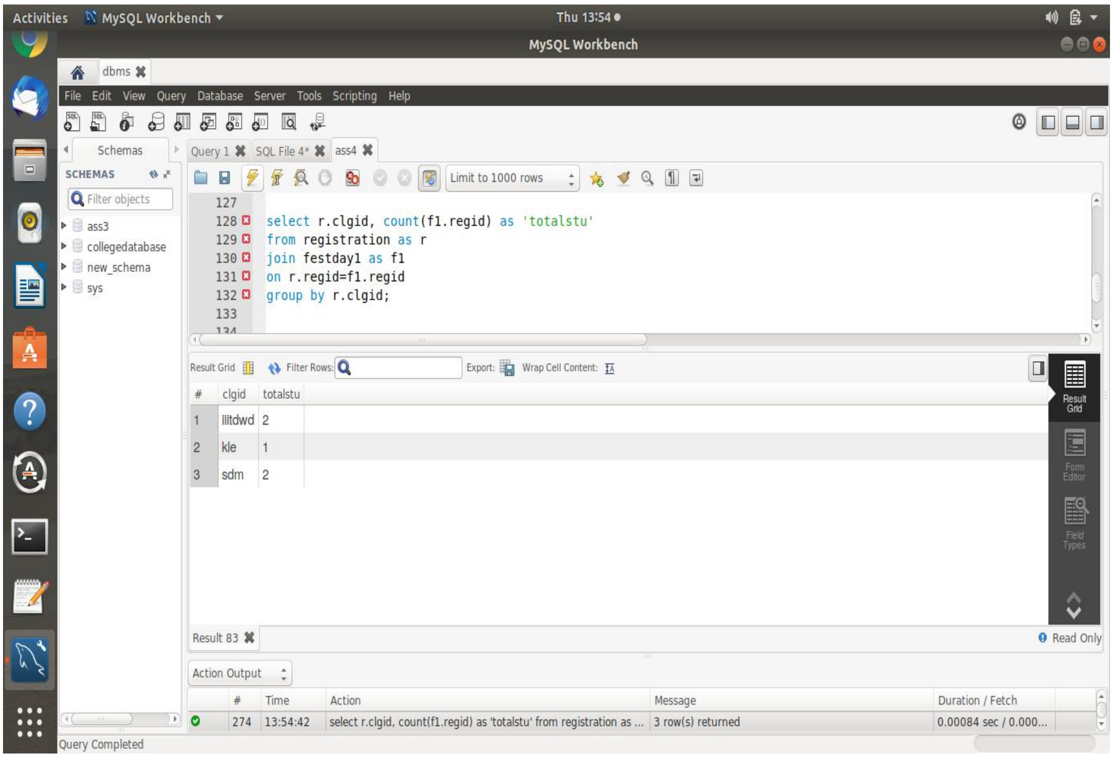
```
select r.stname, f2.entry
from registration as r
right join festday1 as f2
on r.regid=f2.regid;
```

#	stname	entry
1	ram	09:00:00
2	priya	11:00:00
3	sudha	09:00:00
4	divi	10:00:00
5	monal	10:00:00
6	NULL	11:00:00
7	NULL	11:00:00
8	NULL	11:00:00
9	NULL	12:00:00
10	NULL	12:00:00

	#	Time	Action	Message	Duration / Fetch
✓	273	13:54:10	select r.stname, f2.entry from registration as r right join festda...	10 row(s) returned	0.00033 sec / 0.000...

IMPLEMENTING JOIN USING “ GROUPBY” CLAUSE:

Finding no:of students attended to fest from each college out of all registered students using groupby in join



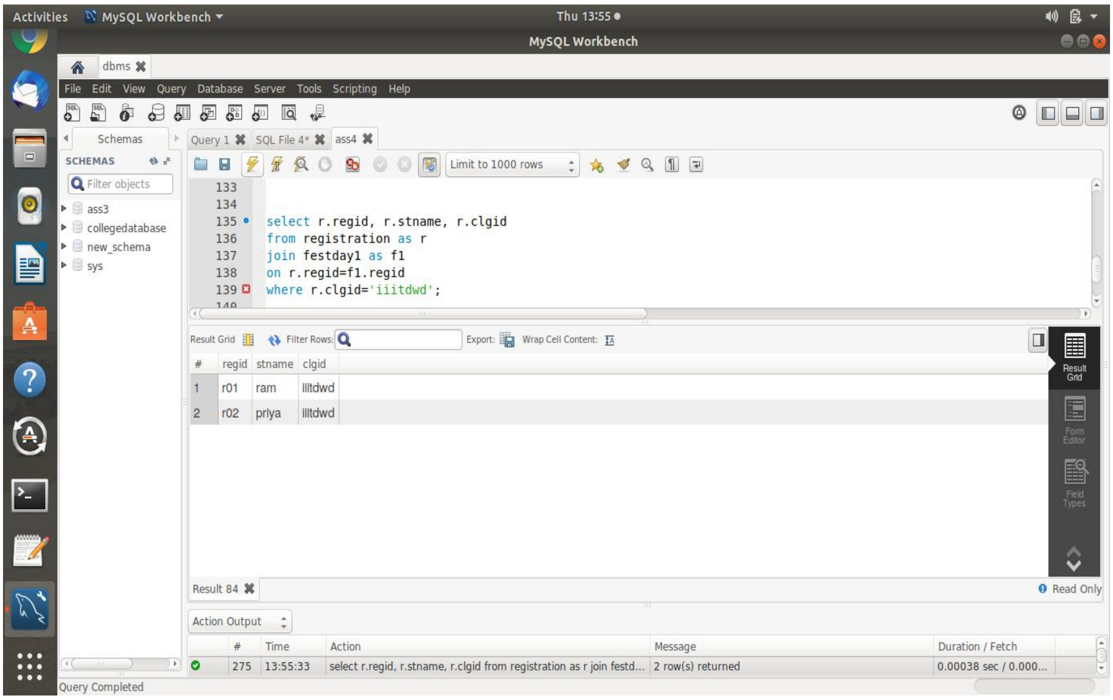
```
select r.clgid, count(f1.regid) as 'totalstu'
from registration as r
join festday1 as f1
on r.regid=f1.regid
group by r.clgid;
```

#	clgid	totalstu
1	iiitdwd	2
2	kle	1
3	sdm	2

	#	Time	Action	Message	Duration / Fetch
✓	274	13:54:42	select r.clgid, count(f1.regid) as 'totalstu' from registration as ...	3 row(s) returned	0.00084 sec / 0.000...

IMPLEMENTING JOIN USING WHERE CLAUSE:

Finding students who have registered and and came to fest on day1 from IIITDWD college using where



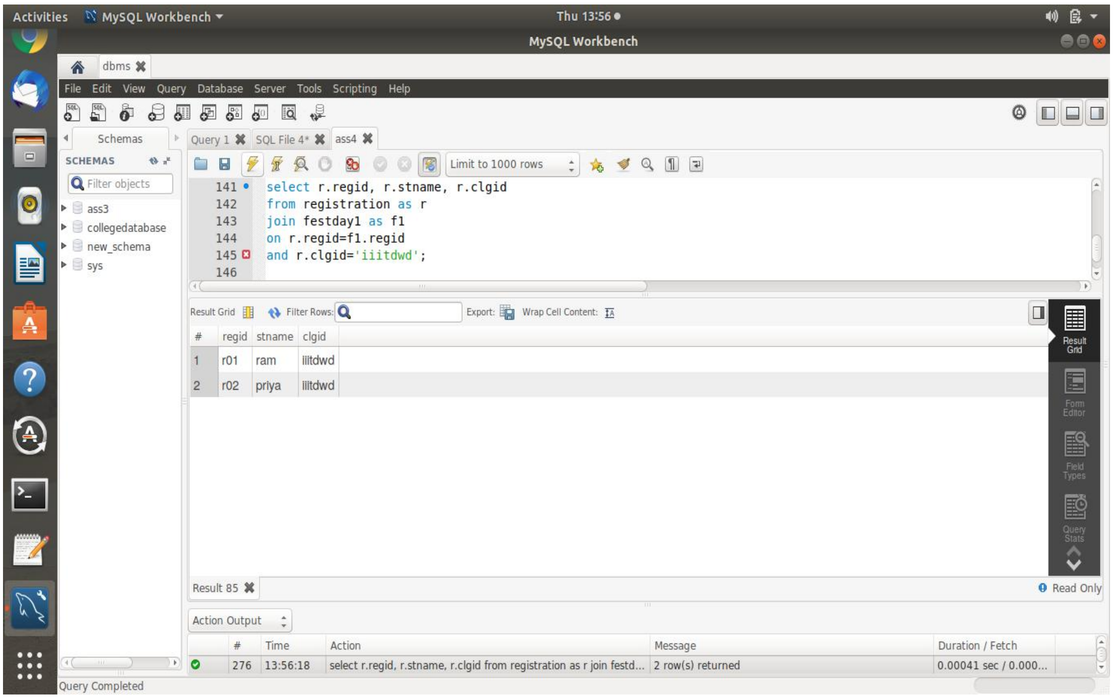
```
select r.regid, r.stname, r.clgid
from registration as r
join festday1 as f1
on r.regid=f1.regid
where r.clgid='iiitdwd';
```

#	regid	stname	clgid
1	r01	ram	iiitdwd
2	r02	priya	iiitdwd

	#	Time	Action	Message	Duration / Fetch
✓	275	13:55:33	select r.regid, r.stname, r.clgid from registration as r join festd...	2 row(s) returned	0.00038 sec / 0.000...

IMPLEMENTING JOIN USING AND:

Finding students who have registered and and came to fest on day1 from IIITDWD college using AND operator in join



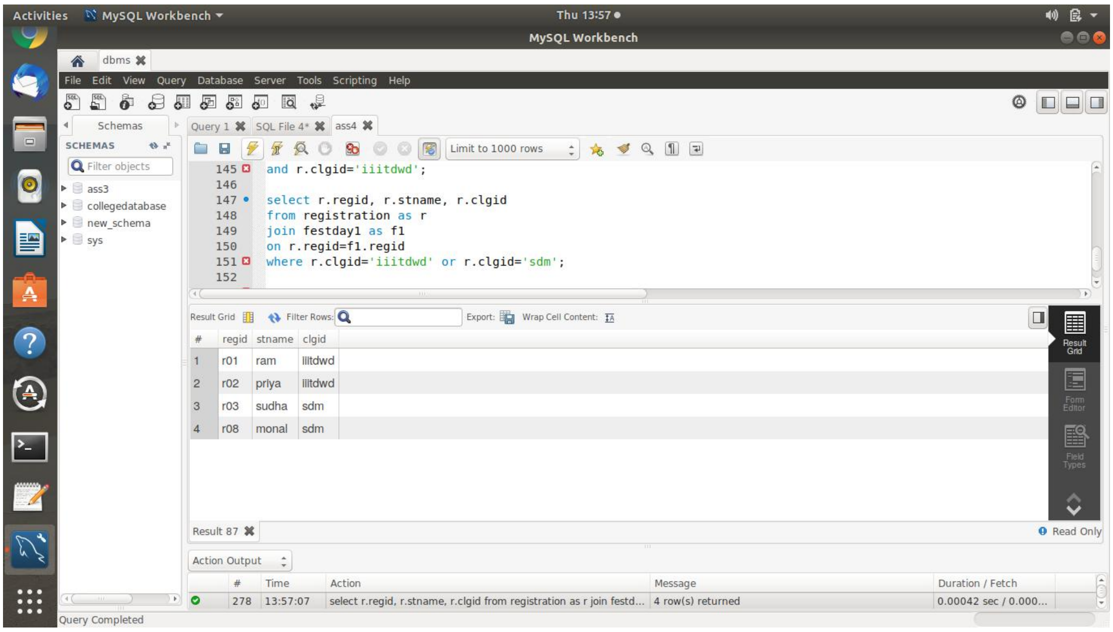
```
select r.regid, r.stname, r.clgid
from registration as r
join festday1 as f1
on r.regid=f1.regid
and r.clgid='iiitdwd';
```

#	regid	stname	clgid
1	r01	ram	iiitdwd
2	r02	priya	iiitdwd

	#	Time	Action	Message	Duration / Fetch
✓	276	13:56:18	select r.regid, r.stname, r.clgid from registration as r join festd...	2 row(s) returned	0.00041 sec / 0.000...

IMPLEMENTING JOIN USING OR:

Finding students who have registered and and came to fest on day1 from IIITDWD or SDM college using OR operator in join query



```
and r.clgid='iiitdwd';

select r.regid, r.stname, r.clgid
from registration as r
join festday1 as f1
on r.regid=f1.regid
where r.clgid='iiitdwd' or r.clgid='sdm';
```

#	regid	stname	clgid
1	r01	ram	iiitdwd
2	r02	priya	iiitdwd
3	r03	sudha	sdm
4	r08	monal	sdm

Result 87

Read Only

Action Output

	#	Time	Action	Message	Duration / Fetch
✓	278	13:57:07	select r.regid, r.stname, r.clgid from registration as r join festd...	4 row(s) returned	0.00042 sec / 0.000...

Query Completed

---THE_END---