

Table4:

	roll	CGPA
1	3.95	
2	3.75	
3	3.5	
4	3.75	
5	3.75	

between:

	roll	CGPA
1	3.95	
2	3.75	
4	3.75	
5	3.75	

table1:

	name	roll	CGPA
Shifa	1	3.95	
Jadwa	2	3.75	

table2:

	roll	CGPA
1	3.95	
2	3.75	

Join/natural join:

	name	roll	CGPA
Shifa	1	3.95	
Jadwa	2	3.75	

Cartesian join:

	name	roll	roll	CGPA
Jadwa	2	1	3.95	
Shifa	1	1	3.95	
Jadwa	2	2	3.75	
Shifa	1	2	3.75	

table1:

	name	roll
Shifa	1	
Jadwa	2	

table2:

	roll2	CGPA
1	3.95	
3	2.75	

Left outer join:

	name	roll	roll2	CGPA
Shifa	1	1	3.95	
NULL	NULL	3	2.75	

right outer join:

	name	roll	roll2	CGPA
Shifa	1	1	3.95	
Jadwa	2	NULL	NULL	

full outer join:

	name	roll	roll2	CGPA
Shifa	1	1	3.95	
Jadwa	2	NULL	NULL	
NULL	NULL	3	2.75	

table4:

	roll	CGPA
▶	1	3.95
	2	3.75
	3	3.5
	4	3.75
	5	3.75

Group by:

	roll	count(CGPA)
▶	1	1
	2	1
	3	1
	4	1
	5	1

group by with where clause:

	roll	count(CGPA)
▶	1	1
	2	1
	3	1

group by with order by:

	roll	count(CGPA)
▶	1	1
	2	1
	3	1
	4	1
	5	1

Group by with where & order by clause:

	roll	count(CGPA)
▶	1	1
	2	1
	3	1
	4	1

Group by with where & having & order by clause:

	roll	count(CGPA)
▶	1	1
	2	1
	3	1
	4	1