## **PROGRAM 10:COLLEGE DATABASE**

Consider the schema for College Database: STUDENT(USN, SName, Address, Phone, Gender) SEMSEC(SSID, Sem, Sec) CLASS(USN, SSID) SUBJECT(Subcode, Title, Sem, Credits) IAMARKS(USN, Subcode, SSID, Test1, Test2, Test3, FinalIA) Write SQL queries to

i. List all the student details studying in fourth semester 'C' section.

- ii. Compute the total number of male and female students in each semester and in each section.
- iii. Create a view of Test1 marks of student USN '1BI15CS101' in all subjects.

#### Table class:

$\nabla$	USN	SSID
	1RN13CS020	CSE8A
	1RN13CS062	CSE8A
	1RN13CS066	CSE8B
	1RN13CS091	CSE8C
	1RN14CS010	CSE7A
	1RN14CS025	CSE7A
	1RN14CS032	CSE7A
	1RN15CS011	CSE4A
	1RN15CS029	CSE4A
	1RN15CS045	CSE4B
	1RN15CS091	CSE4C
	1RN16CS045	CSE3A
	1RN16CS088	CSE3B
	1RN16CS122	CSE3C

#### Table iamarks

SUBCODE	SSID	TEST1	TEST2	TEST3	FINALIA
10CS81	CSE8C	15	16	18	NULL
10CS82	CSE8C	12	19	14	NULL
10CS83	CSE8C	19	15	20	NULL
10CS84	CSE8C	20	16	19	NULL
10CS85	CSE8C	15	15	12	NULL
	10CS81 10CS82 10CS83 10CS84	10CS81     CSE8C       10CS82     CSE8C       10CS83     CSE8C       10CS84     CSE8C	10CS81     CSE8C     15       10CS82     CSE8C     12       10CS83     CSE8C     19       10CS84     CSE8C     20	10CS81 CSE8C 15 16   10CS82 CSE8C 12 19   10CS83 CSE8C 19 15   10CS84 CSE8C 20 16	10CS81 CSE8C 15 16 18   10CS82 CSE8C 12 19 14   10CS83 CSE8C 19 15 20   10CS84 CSE8C 20 16 19







### Table semsec

Table Semsec						
	SSID	SEM	SEC			
	CSE1C	1	C			
	CSE2A	2	A			
	CSE2B	2	В			
	CSE2C	2	С			
	CSE3A	3	A			
	CSE3B	3	В			
	CSE3C	3	С			
	CSE4A	4	A			
	CSE4B	4	В			
	CSE4C	4	C			
	CSE5A	5	A			
	CSE5B	5	В			
	CSE5C	5	С			
	CSE6A	6	A			
	CSE6B	6	В			
	CSE6C	6	C			
	CSE7A	7	A			
	CSE7B	7	В			
	CSE7C	7	С			
	CSE8A	8	A			
	CSE8B	8	В			
	CSE8C	8	C			

# Table student

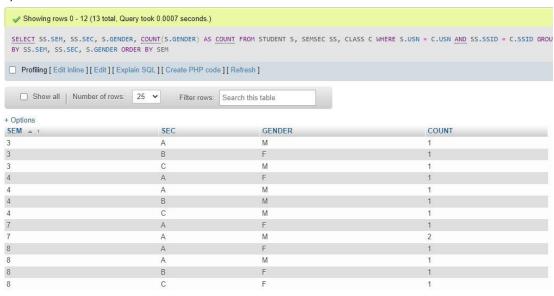
USN	SNAME	ADDRESS	PHONE	GENDER
1RN13CS020	AKSHAY	BELAGAVI	2147483647	M
1RN13CS062	SANDHYA	BENGALURU	2147483647	F
1RN13CS066	SUPRIYA	MANGALURU	2147483647	F
1RN13CS091	TEESHA	BENGALURU	2147483647	F
1RN14CS010	ABHAY	BENGALURU	2147483647	M
1RN14CS025	ASMI	BENGALURU	2147483647	F
1RN14CS032	BHASKAR	BENGALURU	2147483647	M
1RN15CS011	AJAY	TUMKUR	2147483647	M
1RN15CS029	CHITRA	DAVANGERE	2147483647	F
1RN15CS045	JEEVA	BELLARY	2147483647	M
1RN15CS091	SANTOSH	MANGALURU	2147483647	M
1RN16CS045	ISMAIL	KALBURGI	2147483647	M
1RN16CS088	SAMEERA	SHIMOGA	2147483647	F
1RN16CS122	VINAYAKA	CHIKAMAGALUR	2147483647	M

Table subject

Export Import	Privileges	<i>→</i> Operations	36 Triggers	
SUBCODE 10CS71	TITLE	SEM 7	CREDITS 4	
10CS72	ECS	7	4	
10CS73	PTW	7	4	
10CS74	DWDM	7	4	
10CS75	JAVA	7	4	
10CS76	SAN	7	4	
10CS81	ACA	8	4	
10CS82	SSM	8	4	
10CS83	NM	8	4	
10CS84	CC	8	4	
10CS85	PW	8	4	
15CS31	M3	3	4	
15CS32	ADE	3	4	
15CS33	DSA	3	4	
15CS34	со	3	4	
15CS35	USP	3	3	
15CS36	DMS	3	3	
15CS41	M4	4	4	
15CS42	SE	4	4	
15CS43	DAA	4	4	
15CS44	MPMC	4	4	
15CS45	000	4	3	
150946	DC .	И	2	

1)





3)

Show query box

CREATE VIEW STU\_TEST1\_MARKS\_VIEW AS SELECT TEST1, SUBCODE FROM IAMARKS WHERE USN = '1BI15CS101'

[ Edit inline ] [ Edit ] [ Create PHP code ]