Program - 4

```
CREATE TABLE STUDENT(USN VARCHAR(10) PRIMARY KEY,SNAME
VARCHAR(30) NOT NULL,ADDRESS VARCHAR(50), PHONE INTEGER, GENDER
VARCHAR(10));
```

Results Explain Describe Saved SQL History

Table created.

1.48 seconds

```
CREATE TABLE SEMSEC(SSID VARCHAR(10) PRIMARY KEY,SEM INTEGER NOT
NULL,SEC VARCHAR(2) NOT NULL);
```

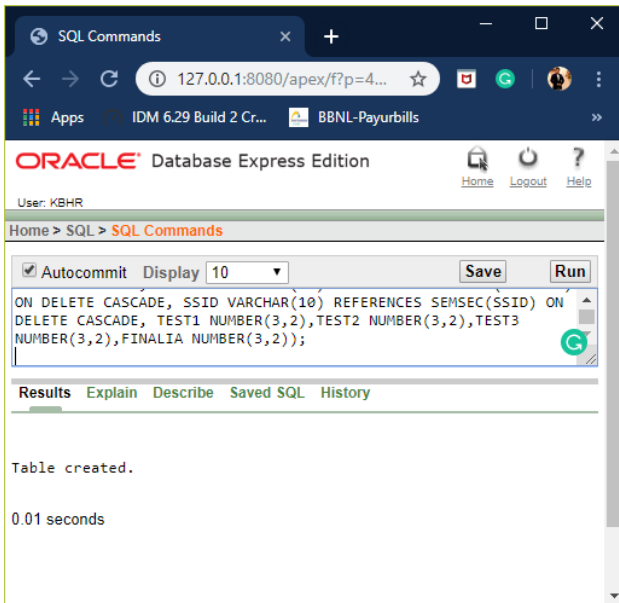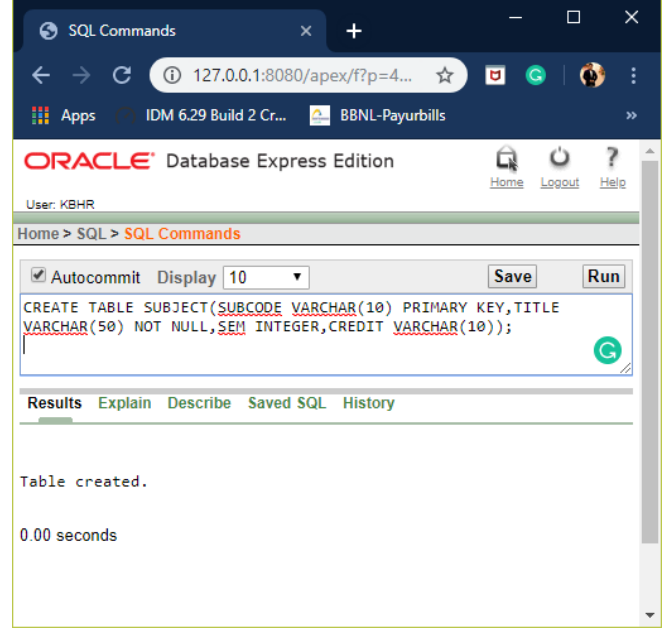Results Explain Describe Saved SQL History

Table created.

0.02 seconds

SQL Commands

ORACLE Database Express Edition

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Home > SQL > SQL Commands

☑ Autocommit Display 10 ▼   Save   Run

```
CREATE TABLE CLASS1(USN VARCHAR(10) REFERENCES STUDENT(USN) ON
DELETE CASCADE,SSID VARCHAR(10) REFERENCES SEMSEC(SSID) ON DELETE
CASCADE);
```

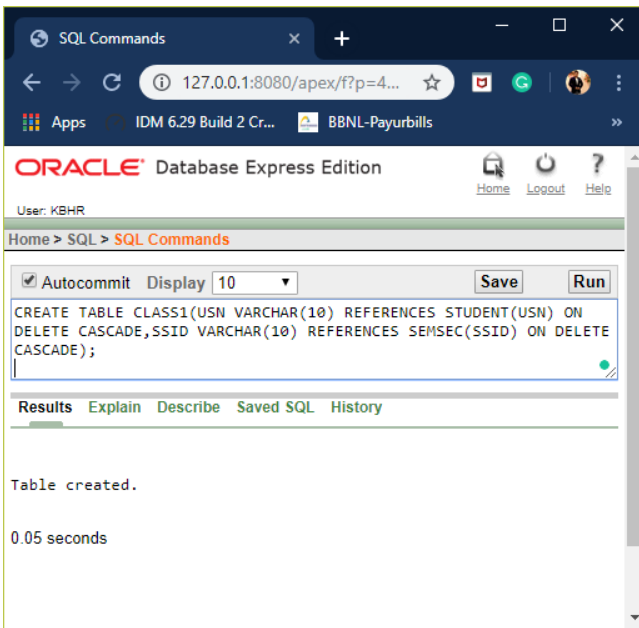Results Explain Describe Saved SQL History

Table created.

0.05 seconds

SQL Commands

ORACLE Database Express Edition

User: KBHR

Home > SQL > SQL Commands

☑ Autocommit Display 10 ▼   Save   Run

```
CREATE TABLE SUBJECT(SUBCODE VARCHAR(10) PRIMARY KEY,TITLE
VARCHAR(50) NOT NULL,SEM INTEGER,CREDIT VARCHAR(10));
```

Results Explain Describe Saved SQL History

Table created.

0.00 seconds

SQL Commands

ORACLE Database Express Edition

User: KBHR

Home > SQL > SQL Commands

☑ Autocommit Display 10 ▼   Save   Run

```
ON DELETE CASCADE, SSID VARCHAR(10) REFERENCES SEMSEC(SSID) ON
DELETE CASCADE, TEST1 NUMBER(3,2),TEST2 NUMBER(3,2),TEST3
NUMBER(3,2),FINALIA NUMBER(3,2));
```

Results Explain Describe Saved SQL History

Table created.

0.01 seconds

SQL Commands

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Home > SQL > SQL Commands

☑ Autocommit Display 10 ▼   Save   Run

```
DESC STUDENT;
```

Results Explain **Describe** Saved SQL History

Object Type **TABLE** Object **STUDENT**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
STUDENT	USN	Varchar2	10	-	-	1	-	-	-
	SNAME	Varchar2	30	-	-	-	-	-	-
	ADDRESS	Varchar2	50	-	-	-	✓	-	-
	PHONE	Number	-	-	0	-	✓	-	-
	GENDER	Varchar2	10	-	-	-	✓	-	-

1 - 5

SQL Commands

127.0.0.1:8080/apex/f?p=4500:1003:3726690113809728::NO:::

Apps   IDM 6.29 Build 2 Cr...   BBNL-Payurbills   Speedtest by Ookla...   ouo.io ad

ORACLE Database Express Edition   Home Logout Help

User: KBHR

Home > SQL > SQL Commands

☑ Autocommit Display 10 ▾   Save   Run

DESC SEMSEC;

Results Explain **Describe** Saved SQL History

Object Type **TABLE** Object **SEMSEC**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
SEMSEC	SSID	Varchar2	10	-	-	1	-	-	-
	SEM	Number	-	-	0	-	-	-	-
	SEC	Varchar2	2	-	-	-	-	-	-
									1 - 3

SQL Commands

127.0.0.1:8080/apex/f?p=4500:1003:3726690113809728::NO:::

Apps   IDM 6.29 Build 2 Cr...   BBNL-Payurbills   Speedtest by Ookla...   ouo.io ad

ORACLE Database Express Edition   Home Logout Help

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Home > SQL > SQL Commands

☑ Autocommit Display 10 ▾   Save   Run

DESC CLASS1;

Results Explain **Describe** Saved SQL History

Object Type **TABLE** Object **CLASS1**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
CLASS1	USN	Varchar2	10	-	-	-	✓	-	-
	SSID	Varchar2	10	-	-	-	✓	-	-
									1 - 2

SQL Commands

127.0.0.1:8080/apex/f?p=4500:1003:3726690113809728::NO:::

Apps   IDM 6.29 Build 2 Cr...   BBNL-Payurbills   Speedtest by Ookla...   ouo.io ad

ORACLE Database Express Edition

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User: KBHR

Home > SQL > SQL Commands

☑ Autocommit   Display 10 ▼   Save   Run

DESC SUBJECT;

Results   Explain   **Describe**   Saved SQL   History

Object Type **TABLE** Object **SUBJECT**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
SUBJECT	SUBCODE	Varchar2	10	-	-	1	-	-	-
	TITLE	Varchar2	50	-	-	-	-	-	-
	SEM	Number	-	-	0	-	✓	-	-
	CREDIT	Varchar2	10	-	-	-	✓	-	-
									1 - 4

SQL Commands

127.0.0.1:8080/apex/f?p=4500:1003:3726690113809728::NO:::

Apps   IDM 6.29 Build 2 Cr...   BBNL-Payurbills   Speedtest by Ookla...   ouo.io ad

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User: KBHR

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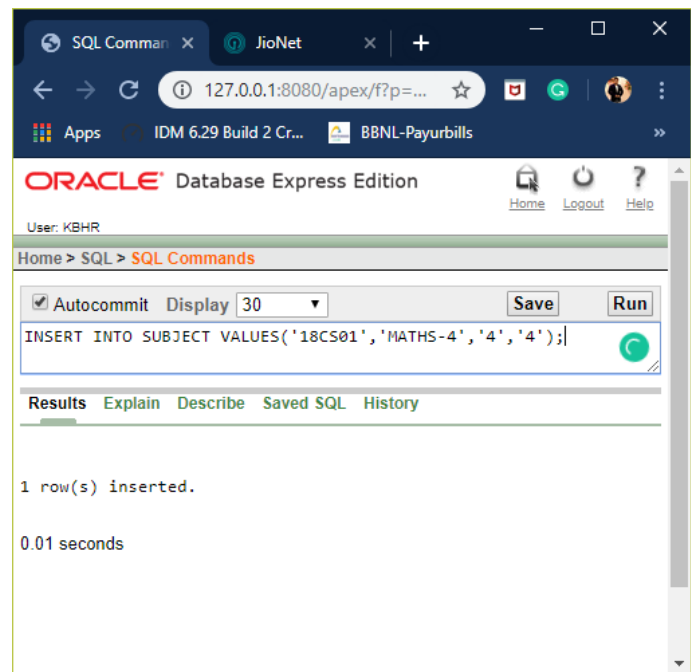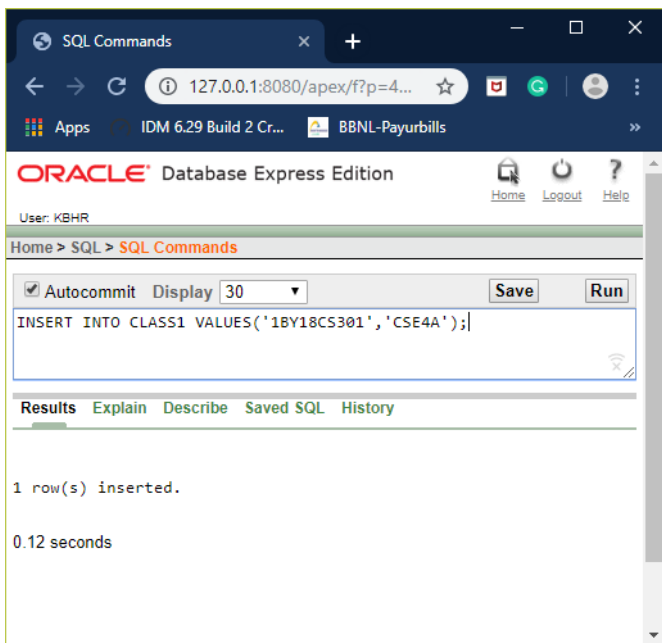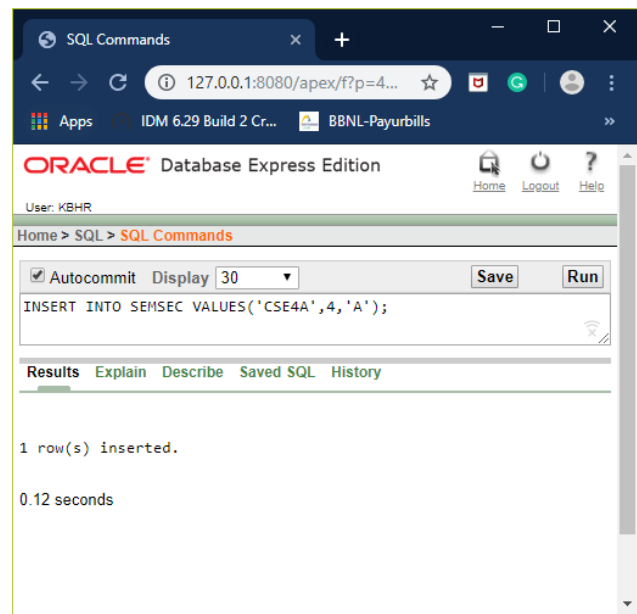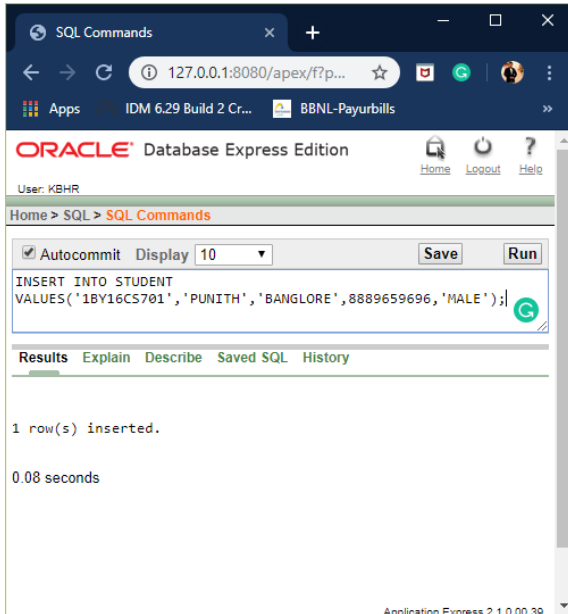☑ Autocommit   Display 10 ▼   Save   Run

DESC IAMARKS;

Results   Explain   **Describe**   Saved SQL   History

Object Type **TABLE** Object **IAMARKS**

Table	Column	Data Type	Length	Precision	Scale	Primary Key	Nullable	Default	Comment
IAMARKS	USN	Varchar2	10	-	-	-	✓	-	-
	SUBCODE	Varchar2	10	-	-	-	✓	-	-
	SSID	Varchar2	10	-	-	-	✓	-	-
	TEST1	Number	-	3	2	-	✓	-	-
	TEST2	Number	-	3	2	-	✓	-	-
	TEST3	Number	-	3	2	-	✓	-	-
	FINALIA	Number	-	3	2	-	✓	-	-
									1 - 7

Application Express 2.1.0.00.39
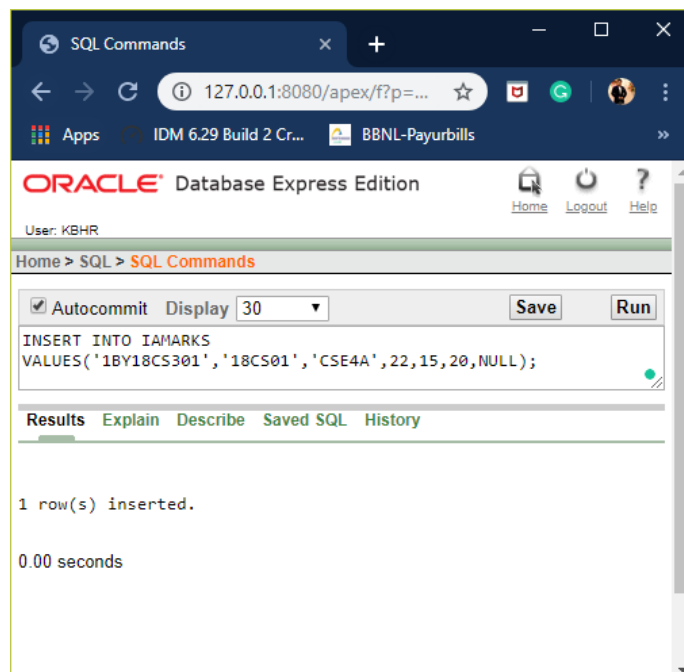
Language: en-us   Copyright © 1999, 2006, Oracle. All rights reserved.

```
INSERT INTO STUDENT
VALUES('1BY16CS701','PUNITH','BANGLORE',8889659696,'MALE');
```

1 row(s) inserted.

0.08 seconds

```
INSERT INTO SEMSEC VALUES('CSE4A',4,'A');
```

1 row(s) inserted.

0.12 seconds

```
INSERT INTO CLASS1 VALUES('1BY18CS301','CSE4A');
```

1 row(s) inserted.

0.12 seconds

```
INSERT INTO SUBJECT VALUES('18CS01','MATHS-4','4','4');
```

1 row(s) inserted.

0.01 seconds

```
INSERT INTO IAMARKS
VALUES('1BY18CS301','18CS01','CSE4A',22,15,20,NULL);
```

1 row(s) inserted.

0.00 seconds

ORACLE Database Express Edition

Home   Logout   Help

User: KBHR

Home > SQL > SQL Commands

☑ Autocommit Display 30 ▼   Save   Run

```
SELECT * FROM STUDENT;
```

Results   Explain   Describe   Saved SQL   History

USN	SNAME	ADDRESS	PHONE	GENDER
1BY16CS702	ABDUL	BANGLORE	8866352000	MALE
1BY16CS703	NOOR	BANGLORE	8111200320	FEMALE
1BY16CS704	HEMANTH	BANGLORE	9869655510	MALE
1BY17CS501	JYOTHI	BANGLORE	8875452200	FEMALE
1BY17CS502	SPOORTHI	BANGLORE	9956541203	FEMALE
1BY17CS503	SNEHA	BANGLORE	9966552200	FEMALE
1BY17CS504	RAJKUMAR	BANGLORE	7799553265	MALE
1BY17CS505	HIMANSHU	BANGLORE	7755221025	FEMALE
1BY18CS301	RAKSHITHA	BANGLORE	9685774120	FEMALE
1BY18CS302	VARSHA	BANGLORE	9933526874	FEMALE
1BY18CS303	RAHUL	BANGLORE	9955522210	MALE
1BY18CS304	RAAFAY	BANGLORE	9966551100	MALE
1BY18CS305	PRANAV	BANGLORE	9975756630	MALE
1BY16CS705	RAHUL	BANGLORE	9965238410	MALE
1BY16CS701	PUNITH	BANGLORE	8889659696	MALE

15 rows returned in 0.00 seconds   CSV Export

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User: KBHR

Home > SQL > SQL Commands

☑ Autocommit Display [30 ▼]   [Save] [Run]

SELECT * FROM CLASS1;

Results Explain Describe Saved SQL History

USN	SSID
1BY18CS301	CSE4A
1BY18CS302	CSE4A
1BY18CS303	CSE4B
1BY18CS304	CSE4B
1BY18CS305	CSE4C
1BY17CS501	CSE6A
1BY17CS502	CSE6A
1BY17CS503	CSE6B
1BY17CS504	CSE6C
1BY17CS505	CSE6C
1BY16CS701	CSE8A
1BY16CS702	CSE8A
1BY16CS703	CSE8B
1BY16CS704	CSE8B
1BY16CS705	CSE8C

15 rows returned in 0.63 seconds   CSV Export

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User: KBHR

Home > SQL > SQL Commands

☑ Autocommit Display [30 ▼]   [Save] [Run]

SELECT * FROM SUBJECT;

Results Explain Describe Saved SQL History

SUBCODE	TITLE	SEM	CREDIT
18CS01	MATHS-4	4	4
18CS02	DMS	4	3
18CS03	OOC	4	3
18CS04	DAA	4	3
17CS01	COMPUTER GRAPHICS AND VISUALIZATION	6	4
17CS02	SYSTEM SOFTWARE AND COMPILER DESIGN	6	4
17CS03	OPERATING SYSTEMS	6	4
17CS04	DATA MINING AND DATA WAREHOUSING	6	3
16CS01	INTERNET OF THINGS TECHNOLOGY	8	4
16CS02	BIG DATA ANALYTICS	8	4
16CS03	HIGH PERFORMANCE COMPUTING	8	3
16CS04	USER INTERFACE DESIGN	8	3

12 rows returned in 0.02 seconds   CSV Export

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Home > SQL > SQL Commands

☑ Autocommit Display 100 ▼   Save   Run

```
SELECT * FROM IAMARKS;
```

Results Explain Describe Saved SQL History

USN	SUBCODE	SSID	TEST1	TEST2	TEST3	FINALIA
1BY18CS301	18CS01	CSE4A	22	15	20	-
1BY18CS302	18CS01	CSE4A	20	12	28	-
1BY18CS303	18CS01	CSE4B	30	25	30	-
1BY18CS304	18CS01	CSE4B	10	12	19	-
1BY18CS305	18CS01	CSE4C	8	15	30	-
1BY18CS301	18CS02	CSE4A	5	15	30	-
1BY18CS302	18CS02	CSE4A	20	12	28	-
1BY18CS303	18CS02	CSE4B	15	5	25	-
1BY18CS304	18CS02	CSE4B	25	20	19	-
1BY18CS305	18CS02	CSE4C	8	25	30	-
1BY18CS301	18CS03	CSE4A	30	10	30	-
1BY18CS302	18CS03	CSE4A	27	15	10	-
1BY18CS303	18CS03	CSE4B	15	20	25	-
1BY18CS304	18CS03	CSE4B	15	20	10	-
1BY18CS305	18CS03	CSE4C	17	18	19	-
1BY18CS301	18CS04	CSE4A	30	5	30	-
1BY18CS302	18CS04	CSE4A	8	16	11	-
1BY18CS303	18CS04	CSE4B	4	7	25	-
1BY18CS304	18CS04	CSE4B	29	30	29	-
1BY18CS305	18CS04	CSE4C	30	29	30	-
1BY17CS501	17CS01	CSE6A	25	10	15	-
1BY17CS502	17CS01	CSE6A	30	29	30	-
1BY17CS503	17CS01	CSE6B	8	25	30	-
1BY17CS504	17CS01	CSE6C	25	10	15	-
1BY17CS505	17CS01	CSE6C	25	10	15	-
1BY17CS501	17CS02	CSE6A	25	10	15	-
1BY17CS502	17CS02	CSE6A	8	25	30	-
1BY17CS503	17CS02	CSE6B	17	18	19	-
1BY17CS504	17CS02	CSE6C	30	29	30	-
1BY17CS505	17CS02	CSE6C	8	25	30	-
1BY17CS501	17CS03	CSE6A	25	10	15	-
1BY17CS502	17CS03	CSE6A	17	18	19	-
1BY17CS503	17CS03	CSE6B	30	29	30	-
1BY17CS504	17CS03	CSE6C	8	25	30	-
1BY17CS505	17CS03	CSE6C	14	10	15	-
1BY17CS501	17CS04	CSE6A	8	25	30	-
1BY17CS502	17CS04	CSE6A	25	10	15	-
1BY17CS503	17CS04	CSE6B	8	25	30	-
1BY17CS504	17CS04	CSE6C	17	18	19	-
1BY17CS505	17CS04	CSE6C	8	11	15	-
1BY16CS701	16CS01	CSE8A	25	10	15	-
1BY16CS702	16CS01	CSE8A	8	25	30	-
1BY16CS703	16CS01	CSE8B	17	18	19	-
1BY16CS704	16CS01	CSE8B	25	10	15	-
1BY16CS705	16CS01	CSE8C	8	25	30	-
1BY16CS701	16CS02	CSE8A	25	10	15	-
1BY16CS702	16CS02	CSE8A	8	25	30	-
1BY16CS703	16CS02	CSE8B	17	18	19	-
1BY16CS704	16CS02	CSE8B	25	10	15	-
1BY16CS705	16CS02	CSE8C	5	15	30	-
1BY16CS701	16CS03	CSE8A	25	10	15	-
1BY16CS702	16CS03	CSE8A	8	25	30	-
1BY16CS703	16CS03	CSE8B	15	15	30	-
1BY16CS704	16CS03	CSE8B	4	7	25	-
1BY16CS705	16CS03	CSE8C	8	25	30	-
1BY16CS701	16CS04	CSE8A	5	15	30	-
1BY16CS702	16CS04	CSE8A	8	25	30	-
1BY16CS703	16CS04	CSE8B	4	7	25	-
1BY16CS704	16CS04	CSE8B	25	10	15	-
1BY16CS705	16CS04	CSE8C	4	7	25	-

60 rows returned in 0.01 seconds   CSV Export

Application Express 2.1.0.00.39

SQL Commands — × +

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Apps   IDM 6.29 Build 2 Cr...   BBNL-Payurbills   »

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User: KBHR

Home > SQL > SQL Commands

☑ Autocommit Display 100 ▼   Save   Run

```
SELECT S.USN,S.SNAME,S.ADDRESS,S.PHONE,S.GENDER,SS.SSID FROM
STUDENT S,SEMSEC SS,CLASS1 C WHERE SS.SSID=C.SSID AND
C.USN=S.USN AND SS.SEM=4 AND SS.SEC='C';
```

Results Explain Describe Saved SQL History

USN	SNAME	ADDRESS	PHONE	GENDER	SSID
1BY18CS305	PRANAV	BANGLORE	9975756630	MALE	CSE4C

1 rows returned in 0.44 seconds   CSV Export

Application Express 2.1.0.00.39

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User: KBHR

Home > SQL > SQL Commands

☑ Autocommit Display 100 ▼   Save   Run

```
SELECT SS.SEM,SS.SEC,S.GENDER,COUNT(S.GENDER) AS COUNT FROM
STUDENT S,SEMSEC SS,CLASS1 C WHERE S.USN=C.USN AND
SS.SSID=C.SSID GROUP BY SS.SEM,SS.SEC,S.GENDER ORDER BY SEM;
```

Results Explain Describe Saved SQL History

SEM	SEC	GENDER	COUNT
4	A	FEMALE	2
4	B	MALE	2
4	C	MALE	1
6	A	FEMALE	2
6	B	FEMALE	1
6	C	FEMALE	1
6	C	MALE	1
8	A	MALE	2
8	B	FEMALE	1
8	B	MALE	1
8	C	MALE	1

11 rows returned in 0.06 seconds   CSV Export

Application Express 2.1.0.00.39

Language: en-us   Copyright © 1999, 2006, Oracle. All rights reserved.

CREATE VIEW TEST1 AS SELECT M.USN,M.SUBCODE,M.TEST1 FROM IAMARKS M,SUBJECT S WHERE S.SUBCODE=M.SUBCODE AND M.USN='1BY17CS501' AND M.SUBCODE IN (SELECT SUBJECT.SUBCODE FROM SUBJECT WHERE SEM=6);

View created.

0.06 seconds

SELECT * FROM TEST1;

USN	SUBCODE	TEST1
1BY17CS501	17CS01	25
1BY17CS501	17CS02	25
1BY17CS501	17CS03	25
1BY17CS501	17CS04	8

4 rows returned in 0.22 seconds   CSV Export

UPDATE IAMARKS M SET FINALIA = (SELECT SUM(TEST1+TEST2+TEST3)/3 FROM IAMARKS M2 WHERE M2.USN=M.USN AND M2.SUBCODE=M.SUBCODE);

60 row(s) updated.

1.89 seconds

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User: KBHR

Home > SQL > SQL Commands

☑ Autocommit   Display 100 ▼   Save   Run

```
SELECT * FROM IAMARKS;
```

Results   Explain   Describe   Saved SQL   History

USN	SUBCODE	SSID	TEST1	TEST2	TEST3	FINALIA
1BY18CS301	18CS01	CSE4A	22	15	20	-
1BY18CS302	18CS01	CSE4A	20	12	28	-
1BY18CS303	18CS01	CSE4B	30	25	30	-
1BY18CS304	18CS01	CSE4B	10	12	19	-
1BY18CS305	18CS01	CSE4C	8	15	30	-
1BY18CS301	18CS02	CSE4A	5	15	30	-
1BY18CS302	18CS02	CSE4A	20	12	28	-
1BY18CS303	18CS02	CSE4B	15	5	25	-
1BY18CS304	18CS02	CSE4B	25	20	19	-
1BY18CS305	18CS02	CSE4C	8	25	30	-
1BY18CS301	18CS03	CSE4A	30	10	30	-
1BY18CS302	18CS03	CSE4A	27	15	10	-
1BY18CS303	18CS03	CSE4B	15	20	25	-
1BY18CS304	18CS03	CSE4B	15	20	10	-
1BY18CS305	18CS03	CSE4C	17	18	19	-
1BY18CS301	18CS04	CSE4A	30	5	30	-
1BY18CS302	18CS04	CSE4A	8	16	11	-
1BY18CS303	18CS04	CSE4B	4	7	25	-
1BY18CS304	18CS04	CSE4B	29	30	29	-
1BY18CS305	18CS04	CSE4C	30	29	30	-
1BY17CS501	17CS01	CSE6A	25	10	15	-
1BY17CS502	17CS01	CSE6A	30	29	30	-
1BY17CS503	17CS01	CSE6B	8	25	30	-
1BY17CS504	17CS01	CSE6C	25	10	15	-
1BY17CS505	17CS01	CSE6C	25	10	15	-
1BY17CS501	17CS02	CSE6A	25	10	15	-
1BY17CS502	17CS02	CSE6A	8	25	30	-
1BY17CS503	17CS02	CSE6B	17	18	19	-
1BY17CS504	17CS02	CSE6C	30	29	30	-
1BY17CS505	17CS02	CSE6C	8	25	30	-
1BY17CS501	17CS03	CSE6A	25	10	15	-
1BY17CS502	17CS03	CSE6A	17	18	19	-
1BY17CS503	17CS03	CSE6B	30	29	30	-
1BY17CS504	17CS03	CSE6C	8	25	30	-
1BY17CS505	17CS03	CSE6C	14	10	15	-
1BY17CS501	17CS04	CSE6A	8	25	30	-
1BY17CS502	17CS04	CSE6A	25	10	15	-
1BY17CS503	17CS04	CSE6B	8	25	30	-
1BY17CS504	17CS04	CSE6C	17	18	19	-
1BY17CS505	17CS04	CSE6C	8	11	15	-
1BY16CS701	16CS01	CSE8A	25	10	15	-
1BY16CS702	16CS01	CSE8A	8	25	30	-
1BY16CS703	16CS01	CSE8B	17	18	19	-
1BY16CS704	16CS01	CSE8B	25	10	15	-
1BY16CS705	16CS01	CSE8C	8	25	30	-
1BY16CS701	16CS02	CSE8A	25	10	15	-
1BY16CS702	16CS02	CSE8A	8	25	30	-
1BY16CS703	16CS02	CSE8B	17	18	19	-
1BY16CS704	16CS02	CSE8B	25	10	15	-
1BY16CS705	16CS02	CSE8C	5	15	30	-
1BY16CS701	16CS03	CSE8A	25	10	15	-
1BY16CS702	16CS03	CSE8A	8	25	30	-
1BY16CS703	16CS03	CSE8B	15	15	30	-
1BY16CS704	16CS03	CSE8B	4	7	25	-
1BY16CS705	16CS03	CSE8C	8	25	30	-
1BY16CS701	16CS04	CSE8A	5	15	30	-
1BY16CS702	16CS04	CSE8A	8	25	30	-
1BY16CS703	16CS04	CSE8B	4	7	25	-
1BY16CS704	16CS04	CSE8B	25	10	15	-
1BY16CS705	16CS04	CSE8C	4	7	25	-

60 rows returned in 0.00 seconds   CSV Export

Application Express 2.1.0.00.39

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User: KBHR

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☑ Autocommit   Display [200 ▼]   [Save]   [Run]

SELECT * FROM IAMARKS;

Results   Explain   Describe   Saved SQL   History

USN	SUBCODE	SSID	TEST1	TEST2	TEST3	FINALIA
1BY18CS301	18CS01	CSE4A	22	15	20	19
1BY18CS302	18CS01	CSE4A	20	12	28	20
1BY18CS303	18CS01	CSE4B	30	25	30	28.33
1BY18CS304	18CS01	CSE4B	10	12	19	13.67
1BY18CS305	18CS01	CSE4C	8	15	30	17.67
1BY18CS301	18CS02	CSE4A	5	15	30	16.67
1BY18CS302	18CS02	CSE4A	20	12	28	20
1BY18CS303	18CS02	CSE4B	15	5	25	15
1BY18CS304	18CS02	CSE4B	25	20	19	21.33
1BY18CS305	18CS02	CSE4C	8	25	30	21
1BY18CS301	18CS03	CSE4A	30	10	30	23.33
1BY18CS302	18CS03	CSE4A	27	15	10	17.33
1BY18CS303	18CS03	CSE4B	15	20	25	20
1BY18CS304	18CS03	CSE4B	15	20	10	15
1BY18CS305	18CS03	CSE4C	17	18	19	18
1BY18CS301	18CS04	CSE4A	30	5	30	21.67
1BY18CS302	18CS04	CSE4A	8	16	11	11.67
1BY18CS303	18CS04	CSE4B	4	7	25	12
1BY18CS304	18CS04	CSE4B	29	30	29	29.33
1BY18CS305	18CS04	CSE4C	30	29	30	29.67
1BY17CS501	17CS01	CSE6A	25	10	15	16.67
1BY17CS502	17CS01	CSE6A	30	29	30	29.67
1BY17CS503	17CS01	CSE6B	8	25	30	21
1BY17CS504	17CS01	CSE6C	25	10	15	16.67
1BY17CS505	17CS01	CSE6C	25	10	15	16.67
1BY17CS501	17CS02	CSE6A	25	10	15	16.67
1BY17CS502	17CS02	CSE6A	8	25	30	21
1BY17CS503	17CS02	CSE6B	17	18	19	18
1BY17CS504	17CS02	CSE6C	30	29	30	29.67
1BY17CS505	17CS02	CSE6C	8	25	30	21
1BY17CS501	17CS03	CSE6A	25	10	15	16.67
1BY17CS502	17CS03	CSE6A	17	18	19	18
1BY17CS503	17CS03	CSE6B	30	29	30	29.67
1BY17CS504	17CS03	CSE6C	8	25	30	21
1BY17CS505	17CS03	CSE6C	14	10	15	13
1BY17CS501	17CS04	CSE6A	8	25	30	21
1BY17CS502	17CS04	CSE6A	25	10	15	16.67
1BY17CS503	17CS04	CSE6B	8	25	30	21
1BY17CS504	17CS04	CSE6C	17	18	19	18
1BY17CS505	17CS04	CSE6C	8	11	15	11.33
1BY16CS701	16CS01	CSE8A	25	10	15	16.67
1BY16CS702	16CS01	CSE8A	8	25	30	21
1BY16CS703	16CS01	CSE8B	17	18	19	18
1BY16CS704	16CS01	CSE8B	25	10	15	16.67
1BY16CS705	16CS01	CSE8C	8	25	30	21
1BY16CS701	16CS02	CSE8A	25	10	15	16.67
1BY16CS702	16CS02	CSE8A	8	25	30	21
1BY16CS703	16CS02	CSE8B	17	18	19	18
1BY16CS704	16CS02	CSE8B	25	10	15	16.67
1BY16CS705	16CS02	CSE8C	5	15	30	16.67
1BY16CS701	16CS03	CSE8A	25	10	15	16.67
1BY16CS702	16CS03	CSE8A	8	25	30	21
1BY16CS703	16CS03	CSE8B	15	15	30	20
1BY16CS704	16CS03	CSE8B	4	7	25	12
1BY16CS705	16CS03	CSE8C	8	25	30	21
1BY16CS701	16CS04	CSE8A	5	15	30	16.67
1BY16CS702	16CS04	CSE8A	8	25	30	21
1BY16CS703	16CS04	CSE8B	4	7	25	12
1BY16CS704	16CS04	CSE8B	25	10	15	16.67
1BY16CS705	16CS04	CSE8C	4	7	25	12

60 rows returned in 0.00 seconds   CSV Export

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```
SELECT S.USN,S.SNAME,IA.FINALIA,IA.SUBCODE,
 (CASE
 WHEN IA.FINALIA BETWEEN 17 AND 30 THEN 'OUTSTANDING'
 WHEN IA.FINALIA BETWEEN 12 AND 17 THEN 'AVERAGE'
 WHEN IA.FINALIA < 12 THEN 'WEAK'
 ELSE 'NO_DATA'
 END) AS RESULTS
FROM STUDENT S, SEMSEC SS, IAMARKS IA, SUBJECT SUB
WHERE S.USN = IA.USN AND
SS.SSID = IA.SSID AND
SUB.SUBCODE = IA.SUBCODE AND
SUB.SEM = 8;
```

Results   Explain   Describe   Saved SQL   History

USN	SNAME	FINALIA	SUBCODE	RESULTS
1BY16CS702	ABDUL	21	16CS04	OUTSTANDING
1BY16CS702	ABDUL	21	16CS03	OUTSTANDING
1BY16CS702	ABDUL	21	16CS02	OUTSTANDING
1BY16CS702	ABDUL	21	16CS01	OUTSTANDING
1BY16CS703	NOOR	12	16CS04	AVERAGE
1BY16CS703	NOOR	20	16CS03	OUTSTANDING
1BY16CS703	NOOR	18	16CS02	OUTSTANDING
1BY16CS703	NOOR	18	16CS01	OUTSTANDING
1BY16CS704	HEMANTH	16.67	16CS04	AVERAGE
1BY16CS704	HEMANTH	12	16CS03	AVERAGE
1BY16CS704	HEMANTH	16.67	16CS02	AVERAGE
1BY16CS704	HEMANTH	16.67	16CS01	AVERAGE
1BY16CS705	RAHUL	12	16CS04	AVERAGE
1BY16CS705	RAHUL	21	16CS03	OUTSTANDING
1BY16CS705	RAHUL	16.67	16CS02	AVERAGE
1BY16CS705	RAHUL	21	16CS01	OUTSTANDING
1BY16CS701	PUNITH	16.67	16CS04	AVERAGE
1BY16CS701	PUNITH	16.67	16CS03	AVERAGE
1BY16CS701	PUNITH	16.67	16CS02	AVERAGE
1BY16CS701	PUNITH	16.67	16CS01	AVERAGE

20 rows returned in 0.02 seconds   CSV Export

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Language: en-us

THE END