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ClearActionsSaveRun

1 create table Student(S\_RollNo varchar(4) NOT NULL,S\_Name varchar(30) NOT NULL,S\_DOB Date,S\_Mobile varchar(10));

Table created.

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1 create table Student(S\_RollNo varchar(4) NOT NULL,S\_Name varchar(30) NOT NULL,S\_DOB Date,S\_Mobile varchar(10))

2

3 ALTER TABLE Student ADD CONSTRAINT PK\_Student PRIMARY KEY(S\_RollNo);

4

5 Insert into Student (S\_RollNo, S\_Name, S\_DOB, S\_Mobile) values (001,'Aaradhiya',TO\_DATE('1995-05-06','yyyy-mm-dd'),9876543210);

6 Insert into Student (S\_RollNo, S\_Name, S\_DOB, S\_Mobile) values (002,'Sahana',TO\_DATE('1994-06-10','yyyy-mm-dd'),9765843210);

7 Insert into Student (S\_RollNo, S\_Name, S\_DOB, S\_Mobile) values (003,'Udhaya',TO\_DATE('1994-02-19','yyyy-mm-dd'),8124079630);

8

9 select \* from Student

10

11 delete from student where S\_Rollno in(1,2,3)

12

13 create table Course\_Details(Course\_ID varchar(20) NOT NULL,Course\_Name varchar(30) NOT NULL,Course\_Fee varchar(10) NOT Null)

14

15 Insert into Course\_Details (Course\_ID,Course\_Name,Course\_Fee) values (101,'Selenium',10000);

16

17

18 Insert into Course\_Details (Course\_ID,Course\_Name,Course\_Fee) values (102,'Tosca',15000);

19 Insert into Course\_Details (Course\_ID,Course\_Name,Course\_Fee) values (103,'800',20000);

20

21 select \* from Course\_Details

22

Table altered.

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```
1 create table Student(S_RollNo varchar(4) NOT NULL,S_Name varchar(30) NOT NULL,S_DOB Date,S_Mobile varchar(10))
2
3 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (001,'Aaradhiya',TO_DATE('1995-05-06','yyyy-mm-dd'),9876543210);
4 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (002,'Sahana',TO_DATE('1994-06-10','yyyy-mm-dd'),9765843210);
5 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (003,'Udhaya',TO_DATE('1994-02-19','yyyy-mm-dd'),8124079630);
6
7 select * from Student
```

S_ROLLNO	S_NAME	S_DOB	S_MOBILE
1	Aaradhiya	06-MAY-95	9876543210
2	Sahana	10-JUN-94	9765843210
3	Udhaya	19-FEB-94	8124079630

Download CSV  
3 rows selected.

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```
1 create table Student(S_RollNo varchar(4) NOT NULL,S_Name varchar(30) NOT NULL,S_DOB Date,S_Mobile varchar(10))
2
3 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (001,'Aaradhiya',TO_DATE('1995-05-06','yyyy-mm-dd'),9876543210);
4 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (002,'Sahana',TO_DATE('1994-06-10','yyyy-mm-dd'),9765843210);
5 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (003,'Udhaya',TO_DATE('1994-02-19','yyyy-mm-dd'),8124079630);
6
7 select * from Student
8
9 create table Course_Details(Course_ID varchar(20) NOT NULL,Course_Name varchar(30) NOT NULL,Course_Fee varchar(10) NOT Null)
10
11
```

Table created.

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```
1 create table Student(S_RollNo varchar(4) NOT NULL,S_Name varchar(30) NOT NULL,S_DOB Date,S_Mobile varchar(10))
2
3 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (001,'Aaradhiya',TO_DATE('1995-05-06','yyyy-mm-dd'),9876543210);
4 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (002,'Sahana',TO_DATE('1994-06-10','yyyy-mm-dd'),9765843210);
5 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (003,'Udhaya',TO_DATE('1994-02-19','yyyy-mm-dd'),8124079630);
6
7 select * from Student
8
9 create table Course_Details(Course_ID varchar(20) NOT NULL,Course_Name varchar(30) NOT NULL,Course_Fee varchar(10) NOT Null)
10
11 Insert into Course_Details (Course_ID,Course_Name,Course_Fee) values (101,'Selenium',10000);
12 Insert into Course_Details (Course_ID,Course_Name,Course_Fee) values (102,'Tosca',15000);
13 Insert into Course_Details (Course_ID,Course_Name,Course_Fee) values (103,'RDD',20000);
14
15
```

1 row(s) inserted.  
1 row(s) inserted.  
1 row(s) inserted.

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```

1 create table Student(S_RollNo varchar(4) NOT NULL,S_Name varchar(30) NOT NULL,S_DOB Date,S_Mobile varchar(10))
2
3 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (001,'Aaradhiya',TO_DATE('1995-05-06','yyyy-mm-dd'),9876543210);
4 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (002,'Sahana',TO_DATE('1994-06-10','yyyy-mm-dd'),9765843210);
5 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (003,'Udhaya',TO_DATE('1994-02-19','yyyy-mm-dd'),8124079630);
6
7 select * from Student
8
9
10 create table Course_Details(Course_ID varchar(20) NOT NULL,Course_Name varchar(30) NOT NULL,Course_Fee varchar(10) NOT Null)
11 Insert into Course_Details (Course_ID,Course_Name,Course_Fee) values (101,'Selenium',10000);
12
13
14 Insert into Course_Details (Course_ID,Course_Name,Course_Fee) values (102,'Tosca',15000);
15 Insert into Course_Details (Course_ID,Course_Name,Course_Fee) values (103,'800',20000);
16
17 select * from Course_Details
18
19

```

COURSE_ID	COURSE_NAME	COURSE_FEE
102	Tosca	15000
103	800	20000
101	Selenium	10000

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3 rows selected.

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```

6 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (002,'Sahana',TO_DATE('1994-06-10','yyyy-mm-dd'),9765843210);
7 Insert into Student (S_RollNo, S_Name, S_DOB, S_Mobile) values (003,'Udhaya',TO_DATE('1994-02-19','yyyy-mm-dd'),8124079630);
8
9 select * from Student
10
11 delete from student where S_Rollno in(1,2,3)
12
13
14 create table Course_Details(Course_ID varchar(20) NOT NULL,Course_Name varchar(30) NOT NULL,Course_Fee varchar(10) NOT Null)
15 Insert into Course_Details (Course_ID,Course_Name,Course_Fee) values (101,'Selenium',10000);
16
17
18 Insert into Course_Details (Course_ID,Course_Name,Course_Fee) values (102,'Tosca',15000);
19 Insert into Course_Details (Course_ID,Course_Name,Course_Fee) values (103,'800',20000);
20
21 select * from Course_Details
22
23 Create table Course_Register (R_ID int Not Null, S_RollNo varchar(4) NOT NULL , Course_ID varchar(20) NOT NULL ,PRIMARY KEY (R_ID),
24 FOREIGN KEY (S_RollNo) REFERENCES Student (S_RollNo))
25
26

```

Table created.

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```

24 Create table Course_Register (R_ID int Not Null, S_RollNo varchar(4) NOT NULL , Course_ID varchar(20) NOT NULL ,PRIMARY KEY (R_ID),
25 FOREIGN KEY (S_RollNo) REFERENCES Student (S_RollNo),FOREIGN KEY (Course_ID) REFERENCES Course_Details (Course_ID))
26
27
28 ALTER TABLE Course_Register
29 ADD DateOfRegistration Date default sysdate;
30
31 Alter table Course_Register ADD FOREIGN KEY (Course_ID) REFERENCES Course_Details (Course_ID)
32
33 Alter table Course_Register drop column DateOfRegistration
34
35 select* from Course_Register
36
37 Insert into Course_Register (R_ID, S_RollNo, Course_ID,DateOfRegistration) values (011,1,101,sysdate);
38 Insert into Course_Register (R_ID, S_RollNo, Course_ID,DateOfRegistration) values (012,1,103,sysdate);
39 Insert into Course_Register (R_ID, S_RollNo, Course_ID,DateOfRegistration) values (013,2,102,sysdate);
40 Insert into Course_Register (R_ID, S_RollNo, Course_ID,DateOfRegistration) values (014,3,103,sysdate);
41 Insert into Course_Register (R_ID, S_RollNo, Course_ID,DateOfRegistration) values (015,3,103,sysdate);
42 Insert into Course_Register (R_ID, S_RollNo, Course_ID,DateOfRegistration) values (016,2,101,sysdate);
43
44

```

R_ID	S_ROLLNO	COURSE_ID	DATEOFREGISTRATION
11	1	101	13-FEB-19
12	1	103	13-FEB-19
13	2	102	13-FEB-19
14	3	103	13-FEB-19
15	3	103	13-FEB-19
16	2	101	13-FEB-19

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--  
24  
25 Create table Course\_Register (R\_ID int Not Null, S\_RollNo varchar(4) NOT NULL , Course\_ID varchar(20) NOT NULL ,PRIMARY KEY (R\_ID),  
26 FOREIGN KEY (S\_RollNo) REFERENCES Student (S\_RollNo),FOREIGN KEY (Course\_ID) REFERENCES Course\_Details (Course\_ID))  
27  
28 ALTER TABLE Course\_Register  
29 ADD DateOfRegistration Date default sysdate;  
30  
31 Alter table Course\_Register ADD FOREIGN KEY (Course\_ID) REFERENCES Course\_Details (Course\_ID)  
32  
33 Alter table Course\_Register drop column DateOfRegistration  
34  
35 select\* from Course\_Register  
36  
37 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (011,1,101,sysdate);  
38 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (012,1,103,sysdate);  
39 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (013,2,102,sysdate);  
40 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (014,3,103,sysdate);  
41 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (015,3,103,sysdate);  
42 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (016,2,101,sysdate);  
43  
44

13	2	102	13-FEB-19
14	3	103	13-FEB-19
15	3	103	13-FEB-19
16	2	101	13-FEB-19

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6 rows selected.

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26 FOREIGN KEY (S\_RollNo) REFERENCES Student (S\_RollNo),FOREIGN KEY (Course\_ID) REFERENCES Course\_Details (Course\_ID))  
27  
28 ALTER TABLE Course\_Register  
29 ADD DateOfRegistration Date default sysdate;  
30  
31 Alter table Course\_Register ADD FOREIGN KEY (Course\_ID) REFERENCES Course\_Details (Course\_ID)  
32  
33 Alter table Course\_Register drop column DateOfRegistration  
34  
35 select\* from Course\_Register  
36  
37 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (011,1,101,sysdate);  
38 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (012,1,103,sysdate);  
39 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (013,2,102,sysdate);  
40 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (014,3,103,sysdate);  
41 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (015,3,103,sysdate);  
42 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (016,2,101,sysdate);  
43  
44 Create table Exam (Exam\_ID varchar(5) NOT NULL, S\_RollNo varchar(4) NOT NULL ,DateOfExam Date, Score varchar (20) NOT NULL ,PRIMARY KEY (Exam\_ID),  
45 FOREIGN KEY (S\_RollNo) REFERENCES Student (S\_RollNo))  
46

Table created.

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--  
33 Alter table Course\_Register drop column DateOfRegistration  
34  
35 select\* from Course\_Register  
36  
37 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (011,1,101,sysdate);  
38 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (012,1,103,sysdate);  
39 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (013,2,102,sysdate);  
40 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (014,3,103,sysdate);  
41 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (015,3,103,sysdate);  
42 Insert into Course\_Register (R\_ID, S\_RollNo, Course\_ID,DateOfRegistration) values (016,2,101,sysdate);  
43  
44 Create table Exam (Exam\_ID varchar(5) NOT NULL, S\_RollNo varchar(4) NOT NULL ,DateOfExam Date, Score varchar (20) NOT NULL ,PRIMARY KEY (Exam\_ID),  
45 FOREIGN KEY (S\_RollNo) REFERENCES Student (S\_RollNo))  
46  
47 Insert into Exam (Exam\_ID,S\_RollNo,DateOfExam,Score) values (1001,1,DATE '2018-11-10',90);  
48 Insert into Exam (Exam\_ID,S\_RollNo,DateOfExam,Score) values (1002,2,DATE '2018-11-15',76);  
49 Insert into Exam (Exam\_ID,S\_RollNo,DateOfExam,Score) values (1003,1,DATE '2018-03-20',82);  
50 Insert into Exam (Exam\_ID,S\_RollNo,DateOfExam,Score) values (1004,3,DATE '2018-03-25',89);  
51  
52 select \* from Exam  
53

EXAM_ID	S_ROLLNO	DATEOFEXAM	SCORE
1001	1	10-NOV-18	90
1002	2	15-NOV-18	76
1003	1	20-MAR-18	82
1004	3	25-MAR-18	89

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```

35 select* from Course_Register
36
37 Insert into Course_Register (R_ID, S_RollNo, Course_ID,DateOfRegistration) values (011,1,101,sysdate);
38 Insert into Course_Register (R_ID, S_RollNo, Course_ID,DateOfRegistration) values (012,1,103,sysdate);
39 Insert into Course_Register (R_ID, S_RollNo, Course_ID,DateOfRegistration) values (013,2,102,sysdate);
40 Insert into Course_Register (R_ID, S_RollNo, Course_ID,DateOfRegistration) values (014,3,103,sysdate);
41 Insert into Course_Register (R_ID, S_RollNo, Course_ID,DateOfRegistration) values (015,3,103,sysdate);
42 Insert into Course_Register (R_ID, S_RollNo, Course_ID,DateOfRegistration) values (016,2,101,sysdate);
43
44 Create table Exam (Exam_ID varchar(5) NOT NULL, S_RollNo varchar(4) NOT NULL ,DateOfExam Date, Score varchar (20) NOT NULL ,PRIMARY KEY (Exam_ID),
45 FOREIGN KEY (S_RollNo) REFERENCES Student (S_RollNo))
46
47 Insert into Exam (Exam_ID,S_RollNo,DateOfExam,Score) values (1001,1,DATE '2018-11-10',90);
48 Insert into Exam (Exam_ID,S_RollNo,DateOfExam,Score) values (1002,2,DATE '2018-11-15',76);
49 Insert into Exam (Exam_ID,S_RollNo,DateOfExam,Score) values (1003,1,DATE '2018-03-20',82);
50 Insert into Exam (Exam_ID,S_RollNo,DateOfExam,Score) values (1004,3,DATE '2018-03-25',89);
51
52 select * from Exam
53
54 Select SUM(Course_Fee) AS Total_Fees from Course_Details INNER JOIN Course_Register ON Course_Details.Course_ID=Course_Register.Course_ID;
55

```

TOTAL\_FEES

95000

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```

1 Select SUM(Course_Fee) AS Total_Fees from Course_Details INNER JOIN Course_Register ON Course_Details.Course_ID=Course_Register.Course_ID
2
3 Select S.S_Name,CD.Course_Name,CD.Course_Fee,Ex.Score from
4 Student S ,Course_Details CD,Course_Register CR,Exam Ex where( S.S_Rollno = CR.S_Rollno) AND (CD.Course_ID=CR.Course_ID) AND (CR.S_Rollno=Ex.S_Rollno)

```

S_NAME	COURSE_NAME	COURSE_FEE	SCORE
Aaradhiya	Selenium	10000	90
Aaradhiya	BOD	20000	90
Sahana	Tosca	15000	76
Sahana	Selenium	10000	76

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S_NAME	COURSE_NAME	COURSE_FEE	SCORE
Aaradhiya	Selenium	10000	90
Aaradhiya	BD0	20000	90
Sahana	Tosca	15000	76
Sahana	Selenium	10000	76
Aaradhiya	Selenium	10000	82
Aaradhiya	BD0	20000	82
Udhaya	BD0	20000	89
Udhaya	BD0	20000	89

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8 rows selected.

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```

1 Select SUM(Course_Fee) AS Total_Fees from Course_Details INNER JOIN Course_Register ON Course_Details.Course_ID=Course_Register.Course_ID
2
3 Select S.S_Name,CD.Course_Name,CD.Course_Fee,Ex.Score from
4 Student S ,Course_Details CD,Course_Register CR,Exam Ex where( S.S_Rollno = CR.S_Rollno) AND (CD.Course_ID=CR.Course_ID) AND (CR.S_Rollno=Ex.S_Rollno)
5
6 Update Student SET S_Mobile = 9799814785 where S_Name='Aaradhiya';

```

1 row(s) updated.

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```

1 Select SUM(Course_Fee) AS Total_Fees from Course_Details INNER JOIN Course_Register ON Course_Details.Course_ID=Course_Register.Course_ID
2
3 Select S.S_Name,CD.Course_Name,CD.Course_Fee,Ex.Score from
4 Student S ,Course_Details CD,Course_Register CR,Exam Ex where( S.S_Rollno = CR.S_Rollno) AND (CD.Course_ID=CR.Course_ID) AND (CR.S_Rollno=Ex.S_Rollno)
5
6 Update Student SET S_Mobile = 9799814785 where S_Name='Aaradhiya';
7
8 Grant Create User S_Admin1 Identified BY S_Admin1;
9
10 Grant Connect to Student;
11
12 Grant Create Session Grant ANY Privilege TO Student;
13
14 Grant Unlimited Tablespace to Student;
15
16 Grant SELECT,INSERT,UPDATE,DELETE ON SCHEMA.Student
17
18
19
20
21
22

```

S_ROLLNO	S_NAME	S_DOB	S_MOBILE
1	Aaradhiya	06-MAY-95	9799814785
2	Sahana	10-JUN-94	9765843210
3	Udhaya	19-FEB-94	8124079630

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3 rows selected.



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```

8  Grant Create User S_Admin1 Identified BY S_Admin1;
9
10 Grant Connect to Student;
11
12 Grant Create Session Grant ANY Privilege TO Student;
13
14 Grant Unlimited Tablespace to Student;
15
16 Grant SELECT,INSERT,UPDATE,DELETE ON SCHEMA.Student
17
18
19
20 Grant Connect to Course_Details;
21
22 Grant Create Session Grant ANY Privilege TO Course_Details;
23
24 Grant Unlimited Tablespace to Course_Details;
25
26 Grant SELECT,INSERT,UPDATE,DELETE ON SCHEMA.Course_Details;
27
28

```

COURSE_ID	COURSE_NAME	COURSE_FEE
101	Selenium	10000
102	Tosca	15000
103	BDD	20000

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3 rows selected.

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Feedback Help jayashree.jaisu@gmail.com

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```

27 Grant Connect to Course_Register;
28
29 Grant Create Session Grant ANY Privilege TO Course_Register;
30
31 Grant Unlimited Tablespace to Course_Register;
32
33 Grant SELECT,INSERT,UPDATE,DELETE ON SCHEMA.Course_Register;
34
35 *****
36 Grant Connect to Exam;
37
38 Grant Create Session Grant ANY Privilege TO Exam;
39
40 Grant Unlimited Tablespace to Exam;
41
42 Grant SELECT,INSERT,UPDATE,DELETE ON SCHEMA.Exam;
43
44 Create User Manager Identified BY manager1
45
46 Grant Connect to Student;
47

```

Statement processed.

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```

48 Grant Create Session Grant ANY Privilege TO Student;
49
50 Grant Unlimited Tablespace to Student;
51
52 Grant SELECT ON SCHEMA.Student;
53
54 *****
55 Grant Connect to Course_Details;
56
57 Grant Create Session Grant ANY Privilege TO Course_Details;
58
59 Grant Unlimited Tablespace to Course_Details;
60
61 Grant SELECT ON SCHEMA.Course_Details;
62
63 *****
64 Grant Connect to Course_Register;
65
66 Grant Create Session Grant ANY Privilege TO Course_Register;
67
68 Grant Unlimited Tablespace to Course_Register;
69
70 Grant SELECT ON SCHEMA.Course_Register;
71

```

Statement processed.

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70 Grant Connect to Exam;

71

72 Grant Create Session Grant ANY Privilege TO Exam;

73

74 Grant Unlimited Tablespace to Exam;

75

76 Grant SELECT ON SCHEMA.Exam;

77 \*\*\*\*\*

78 Create User Clerk Identified BY clerk2

79

80 Grant Connect to Student;

81

82 Grant Create Session Grant ANY Privilege TO Student;

83

84 Grant Unlimited Tablespace to Student;

85

86 Grant SELECT,INSERT,UPDATE ON SCHEMA.Student;

87 \*\*\*\*\*

88 Grant Connect to Course\_Details;

89

90 Grant Create Session Grant ANY Privilege TO Course\_Details;

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87 \*\*\*\*\*

88 Grant Connect to Course\_Details;

89

90 Grant Create Session Grant ANY Privilege TO Course\_Details;

91

92 Grant Unlimited Tablespace to Course\_Details;

93

94 Grant SELECT,INSERT,UPDATE ON SCHEMA.Course\_Details;

95 \*\*\*\*\*

96 Grant Connect to Course\_Register;

97

98 Grant Create Session Grant ANY Privilege TO Course\_Register;

99

100 Grant Unlimited Tablespace to Course\_Register;

101

102 Grant SELECT,INSERT,UPDATE ON SCHEMA.Course\_Register;

103 \*\*\*\*\*

104 Grant Connect to Exam;

105

106 Grant Create Session Grant ANY Privilege TO Exam;

107

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108 Grant Unlimited Tablespace to Exam;

109

110 Grant SELECT,INSERT,UPDATE ON SCHEMA.Exam;

111 \*\*\*\*\*

112 Create user Joker\_Admin identified by Admin123;

113

114 Create user Joker\_Manager identified by Manager123;

115

116 Create user Joker\_Clerk identified by Clerk123;

117

118 Grant Select,Insert,Update,Delete on Student1 to JokerAdmin;

119

120 Grant Select,Insert,Update,Delete on Course\_Details1 to JokerAdmin;

121

122 Grant Select,Insert,Update,Delete on Register\_Counsel to JokerAdmin;

123

124 Grant Select,Insert,Update,Delete on Exam1 to JokerAdmin;

125

126 Grant Select,Insert,Update on Student1 to JokerManager;

127

128 Grant Select,Insert,Update on Course\_Details1 to JokerManager;

129

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126 Grant Select,Insert,Update on Student1 to JokerManager;

127

128 Grant Select,Insert,Update on Course\_Details1 to JokerManager;

129

130 Grant Select,Insert,Update on Register\_Counsel to JokerManager;

131

132 Grant Select,Insert,Update on Exam1 to JokerManager;

133

134 Grant Select,Insert on Student1 to JokerClerk;

135

136 Grant Select,Insert on Course\_Details1 to JokerClerk;

137

138 Grant Select,Insert on Register\_Counsel to JokerClerk;

139

140 Grant Select,Insert on Exam1 to JokerClerk;

141

142 Grant update(TELNO) on Student1 to JokerClerk;

143

144 Commit;

145

Statement processed.



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125

126 Grant Select,Insert,Update on Student1 to JokerManager;

127

128 Grant Select,Insert,Update on Course\_Details1 to JokerManager;

129

130 Grant Select,Insert,Update on Register\_Course1 to JokerManager;

131

132 Grant Select,Insert,Update on Exam1 to JokerManager;

133

134 Grant Select,Insert on Student1 to JokerClerk;

135

136 Grant Select,Insert on Course\_Details1 to JokerClerk;

137

138 Grant Select,Insert on Register\_Course1 to JokerClerk;

139

140 Grant Select,Insert on Exam1 to JokerClerk;

141

142 Grant update(TELNO) on Student1 to JokerClerk;

143

144 Commit;

145

Statement processed.