SQL Worksheet   ◇ Clear   ⋏ Find   Actions ∨   💾 Save   **Run** ▶

```
1   CREATE TABLE Virtusa
2   (
3   empNo number(4) primary key,
4   empName varchar2(20) NOT NULL,
5   jobProfile varchar2(20),
6   bonus decimal(8,2),
7   label char
8    );
```

```
Table created.
```

```sql
INSERT INTO Virtusa VALUES (1, 'Yuvan Hanwat', 'SD', '50000', 'A');
INSERT INTO Virtusa VALUES (2, 'Rohit Bisen', 'SD','50000', 'A');
INSERT INTO Virtusa VALUES (3, 'Sonu Jha', 'SD', '50000', 'A');
INSERT INTO Virtusa VALUES (4, 'Ravi Kumar', 'SD', NULL, 'B');
INSERT INTO Virtusa VALUES (5, 'Venus Garg', 'SD', '50000', 'A');
INSERT INTO Virtusa VALUES (6, 'Dhirendra Kewat', 'SD', '50000', 'B');
INSERT INTO Virtusa VALUES (7, 'Shivendra Patel', 'SD', NULL, 'C');
INSERT INTO Virtusa VALUES (8, 'Karan Bansal', 'SD', NULL, 'B');
INSERT INTO Virtusa VALUES (9, 'Kajal Kumari', 'SD', NULL, 'C');
INSERT INTO Virtusa VALUES (10, 'Kehkasha Parveen', 'SD', NULL, 'C');
```
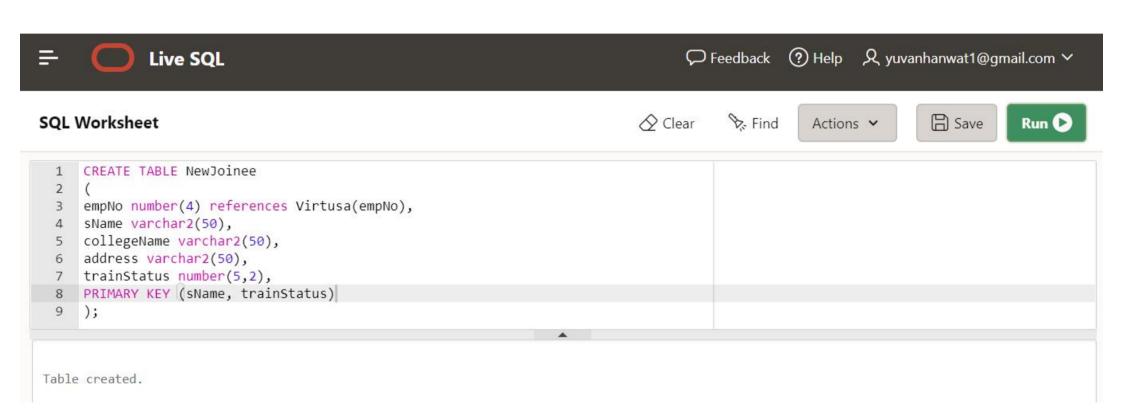
```sql
1    select * from virtusa;
```

EMPNO	EMPNAME	JOBPROFILE	BONUS	LABEL
1	Yuvan Hanwat	SD	50000	A
2	Rohit Bisen	SD	50000	A
3	Sonu Jha	SD	50000	A
4	Ravi Kumar	SD	-	B
5	Venus Garg	SD	50000	A
6	Dhirendra Kewat	SD	50000	B
7	Shivendra Patel	SD	-	C
8	Karan Bansal	SD	-	B
9	Kajal Kumari	SD	-	C
10	Kehkasha Parveen	SD	-	C

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10 rows selected.

SQL Worksheet

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```
1   CREATE TABLE NewJoinee
2   (
3   empNo number(4) references Virtusa(empNo),
4   sName varchar2(50),
5   collegeName varchar2(50),
6   address varchar2(50),
7   trainStatus number(5,2),
8   PRIMARY KEY (sName, trainStatus)
9   );
```

Table created.

```sql
1   INSERT INTO NewJoinee VALUES(1, 'Yuvan Hanwat', 'ICOT', 'Balaghat', '75');
2   INSERT INTO NewJoinee VALUES(2, 'Rohit Bisen', 'ICOT', 'Balaghat', '75');
3   INSERT INTO NewJoinee VALUES(3, 'Sonu Jha', 'ICOT', 'Bihar', '80');
4   INSERT INTO NewJoinee VALUES(4, 'Ravi Kumar', 'ICOT', 'Bihar', '50');
5   INSERT INTO NewJoinee VALUES(5, 'Venus Kumar', 'IITM', 'Bihar', '90');
6   INSERT INTO NewJoinee VALUES(6, 'Dhirendra Kewat', 'ICOT', 'Rewa', '45');
7   INSERT INTO NewJoinee VALUES(7, 'Shivendra Patel', 'ICOT', 'Rewa', '40');
8   INSERT INTO NewJoinee VALUES(8, 'Karan Bansal', 'ICOT', 'Bihar', '40');
9   INSERT INTO NewJoinee VALUES(9, 'Kehkasha Parveen', 'IITM', 'Jhansi', '50');
10  INSERT INTO NewJoinee VALUES(10, 'Kajal Kumari', 'IITM', 'Jharkhand', '45');
```

```sql
1   select * from NewJoinee;
```

EMPNO	SNAME	COLLEGENAME	ADDRESS	TRAINSTATUS
1	Yuvan Hanwat	ICOT	Balaghat	75
2	Rohit Bisen	ICOT	Balaghat	75
3	Sonu Jha	ICOT	Bihar	80
4	Ravi Kumar	ICOT	Bihar	50
5	Venus Kumar	IITM	Bihar	90
6	Dhirendra Kewat	ICOT	Rewa	45
7	Shivendra Patel	ICOT	Rewa	40
8	Karan Bansal	ICOT	Bihar	40
9	Kehkasha Parveen	IITM	Jhansi	50
10	Kajal Kumari	IITM	Jharkhand	45

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10 rows selected.

SQL Worksheet

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```
1  -- Q.1 DISPLAY THE TOP PERFORMR.
2  select * from NewJoinee
3  where trainStatus=(select max(trainStatus) from NewJoinee);
```

EMPNO	SNAME	COLLEGENAME	ADDRESS	TRAINSTATUS
5	Venus Kumar	IITM	Bihar	90

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SQL Worksheet   ◇ Clear   🔍 Find   Actions ⌄   💾 Save   **Run** ▶

```
1    -- Q.2 DISPLAY THE DETAILS OF BELOW AVRAGE
2    -- IF TRAINING STATUS IS LESS THAN 50%.
3    select * from NewJoinee
4    where trainStatus<50;
```

▲

EMPNO	SNAME	COLLEGENAME	ADDRESS	TRAINSTATUS
6	Dhirendra Kewat	ICOT	Rewa	45
7	Shivendra Patel	ICOT	Rewa	40
8	Karan Bansal	ICOT	Bihar	40
10	Kajal Kumari	IITM	Jharkhand	45

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4 rows selected.

SQL Worksheet   Clear   Find   Actions ⌄   Save   Run ▶
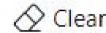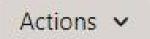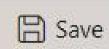
```
1    -- Q.3 DISPLAY THE NAME OF THE EMPLOYEE VENUS GARG TO VENUS.
2    update Virtusa
3        set empName = 'Venus'
4        where empName = 'Venus Garg';
```

1 row(s) updated.

```
1    -- Q.3 DISPLAY THE NAME OF THE EMPLOYEE VENUS GARG TO VENUS.
2    select * from Virtusa where empName = 'Venus';
```

EMPNO	EMPNAME	JOBPROFILE	BONUS	LABEL
5	Venus	SD	50000	A

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