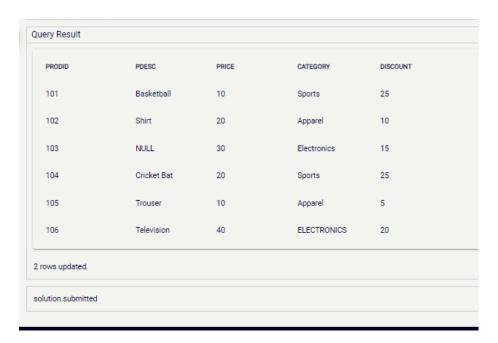# EXERCISE 5

QUERY

Update discount of all products whose category is 'Sports' to 25 percent.

Write your query here

```
1  update Product set discount=25 where category='Sports';
```

Verify   Submit

OUTPUT

Query Result

PRODID	PDESC	PRICE	CATEGORY	DISCOUNT
101	Basketball	10	Sports	25
102	Shirt	20	Apparel	10
103	NULL	30	Electronics	15
104	Cricket Bat	20	Sports	25
105	Trouser	10	Apparel	5
106	Television	40	ELECTRONICS	20

2 rows updated.

solution.submitted

EXERCISE 6

QUERY

Delete all records from SaleDetail table for SaleId 1004.
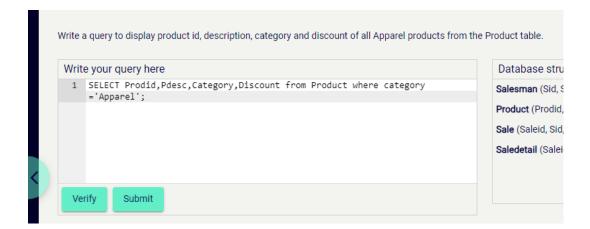
Write your query here

```
1   DELETE FROM Saledetail WHERE Saleid=1004;
```

Verify   Submit

OUTPUT

Query Result

SALEID	PRODID	QUANTITY
1001	106	2
1001	103	1
1002	102	5
1002	101	1
1003	104	1
1003	101	1
1005	101	3
1005	106	1
1006	102	6
1006	104	1

3 rows deleted.

Congratulations !!! Your query is correct.

EXERCISE 7

QUERY

Write a query to display product id, description, category and discount of all Apparel products from the Product table.

Write your query here
```
1   SELECT Prodid,Pdesc,Category,Discount from Product where category
    ='Apparel';
```

Verify   Submit

Database stru

Salesman (Sid, S

Product (Prodid,

Sale (Saleid, Sid,

Saledetail (Salei

OUTPUT

Query Result

PRODID	PDESC	CATEGORY	DISCOUNT
102	Shirt	Apparel	10
105	Trouser	Apparel	5

2 row(s) selected

solution.submitted

EXERCISE 8

QUERY

Write a query to display product id, description, category and discount of all products that do not have any description.

Write your query here

```
1   select Prodid,Pdesc,Category,Discount from Product where PDesc is NULL;
```

Verify   Submit

Database structu

Salesman (Sid, Snan

Product (Prodid, Pde

Sale (Saleid, Sid, Sld

Saledetail (Saleid, Pr

OUTPUT

Query Result

PRODID	PDESC	CATEGORY	DISCOUNT
103	NULL	Electronics	15

1 row(s) selected

solution.submitted

EXERCISE 9

QUERY

Write a query to display product id, description, category and discount of all Apparel products that have discount more than 5 percent.

Write your query here

```
1  select Prodid,Pdesc,Category,Discount from Product where Category
   ='Apparel' and discount>5;
```

Verify   Submit

Database structure

Salesman (Sid, Sname, Location)

Product (Prodid, Pdesc, Price, Category, Discount)

Sale (Saleid, Sid, Sldate, Amount)

Saledetail (Saleid, Prodid, Quantity)

OUTPUT

Query Result

PRODID	PDESC	CATEGORY	DISCOUNT
102	Shirt	Apparel	10

1 row(s) selected

solution.submitted

EXERCISE 10

QUERY

Insert a record into Salesman table with the values "11, Elizabeth, London" as "SId, SName, Location" respectively.

Write your query here
```
1   INSERT INTO Salesman VALUES(11,'Elizabeth','London');
```

Verify | Submit

Database structure

Salesman (Sid, Sname, Location)

Product (Prodid, Pdesc, Price, Category, Discount)

Sale (Saleid, Sid, Sldate, Amount)

Saledetail (Saleid, Prodid, Quantity)

OUTPUT

Query Result

SID	SNAME	LOCATION
11	Elizabeth	London
1	Peter	London
2	Michael	Paris
3	John	Mumbai
4	Harry	Chicago
5	Kevin	London
6	Alex	Chicago

1 row(s) created.

solution.submitted

EXERCISE 11

QUERY

Insert a record into Product table with the values "110, Bat, 50, Sports, NULL' as "ProdId, PDesc, Price, Category, Discount" respectively.

Write your query here

```
1   INSERT INTO Product VALUES(110,'Bat',50,'Sports',NULL);
```

Verify   Submit

Database structure

Salesman (Sid, Sname, Location)

Product (Prodid, Pdesc, Price, Category, Discount)

Sale (Saleid, Sid, Sldate, Amount)

Saledetail (Saleid, Prodid, Quantity)

OUTPUT

Query Result

PRODID	PDESC	PRICE	CATEGORY	DISCOUNT
110	Bat	50	Sports	NULL
101	Basketball	10	Sports	5
102	Shirt	20	Apparel	10
103	NULL	30	Electronics	15
104	Cricket Bat	20	Sports	20
105	Trouser	10	Apparel	5
106	Television	40	ELECTRONICS	20

1 row(s) created.

Congratulations !!! Your query is correct.
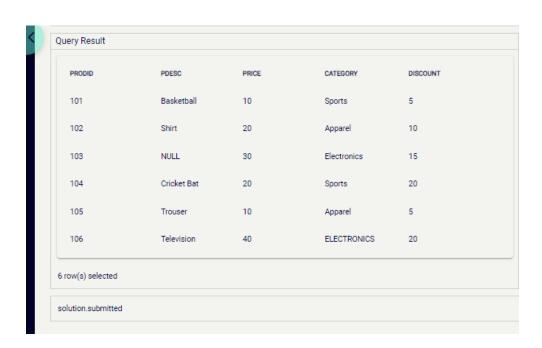
EXERCISE 12

QUERY

Write a query to list all products from the Product table shown below.

Write your query here

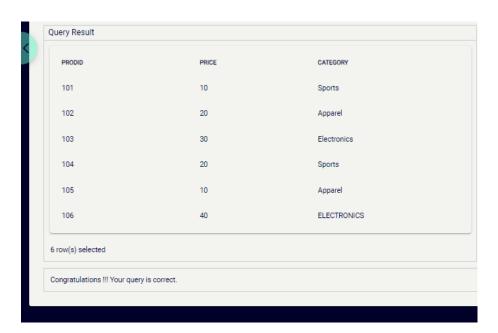```
1 select * from Product;
```

Verify    Submit

# OUTPUT

Query Result

| PRODID | PDESC | PRICE | CATEGORY | DISCOUNT |
|--------|-------|-------|----------|----------|
| 101 | Basketball | 10 | Sports | 5 |
| 102 | Shirt | 20 | Apparel | 10 |
| 103 | NULL | 30 | Electronics | 15 |
| 104 | Cricket Bat | 20 | Sports | 20 |
| 105 | Trouser | 10 | Apparel | 5 |
| 106 | Television | 40 | ELECTRONICS | 20 |

6 row(s) selected

solution.submitted

# EXERCISE 13

# QUERY

Write a query to list product id, price and category for all products from the Product table.

Write your query here

```
1  select Prodid,Price,Category from Product;
```

Verify   Submit

OUTPUT

Query Result

PRODID	PRICE	CATEGORY
101	10	Sports
102	20	Apparel
103	30	Electronics
104	20	Sports
105	10	Apparel
106	40	ELECTRONICS

6 row(s) selected

Congratulations !!! Your query is correct.

EXERCISE 14

QUERY

Write a query to list all product categories from the Product table.

Write your query here

```
1   select distinct Category from Product;
```

Verify   Submit

OUTPUT

Query Result

CATEGORY

ELECTRONICS

Electronics

Apparel

Sports
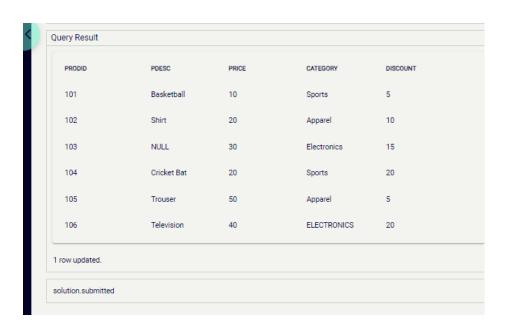
4 row(s) selected

solution.submitted

EXERCISE 19

QUERY

Update price of products to 50 whose category is 'Apparel' and product description is 'Trouser'.

Write your query here

```
1  update Product set price=50 where category='Apparel' and Pdesc='Trouser';
```

Verify   Submit

OUTPUT

Query Result

PRODID	PDESC	PRICE	CATEGORY	DISCOUNT
101	Basketball	10	Sports	5
102	Shirt	20	Apparel	10
103	NULL	30	Electronics	15
104	Cricket Bat	20	Sports	20
105	Trouser	50	Apparel	5
106	Television	40	ELECTRONICS	20

1 row updated.
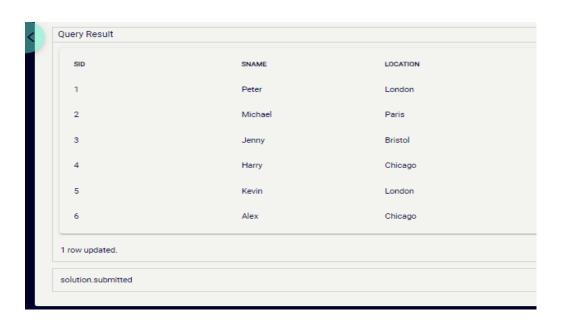
solution.submitted

EXERCISE 20

QUERY

Update the Salesman name to 'Jenny' and location to 'Bristol' for the salesman having SID as 3.

Write your query here

```
1  Update Salesman set sname='Jenny' ,location='Bristol' where sid=3;
```

Verify   Submit

OUTPUT

Query Result

SID	SNAME	LOCATION
1	Peter	London
2	Michael	Paris
3	Jenny	Bristol
4	Harry	Chicago
5	Kevin	London
6	Alex	Chicago

1 row updated.

solution.submitted

EXERCISE 22

QUERY

Delete all records from SaleDetail table whose quantity is more than 5.

Write your query here

```
1  DELETE FROM Saledetail WHERE Quantity>5;
```

Verify   Submit

OUTPUT

Query Result

SALEID	PRODID	QUANTITY
1001	106	2
1001	103	1
1002	102	5
1002	101	1
1003	104	1
1003	101	1
1004	103	1
1004	104	2
1004	106	1
1005	101	3
1005	106	1
1006	104	1

1 row deleted.

Congratulations !! Your query is correct.

EXERCISE 23

QUERY

Write a query to display Product Id, Product Description and Category of those products whose category name is electronics. Do case insensitive comparison.

Write your query here

```
1   SELECT PRODID, PDESC, CATEGORY FROM Product WHERE UPPER
    (Category)='ELECTRONICS';
```

Verify   Submit

Database structure

Salesman (Sid, Sname, Location)

Product (Prodid, Pdesc, Price, Category, Discount)

Sale (Saleid, Sid, Sldate, Amount)

Saledetail (Saleid, Prodid, Quantity)

OUTPUT

Query Result

PRODID	PDESC	CATEGORY
103	NULL	Electronics
106	Television	ELECTRONICS

2 row(s) selected

Congratulations !!! Your query is correct.

EXERCISE 24

QUERY

Write a query to display the product id, first five characters of product description and category of those products.

Write your query here

```
1   SELECT Prodid,SUBSTR(Pdesc,1,5) PDESC_FIVE,CATEGORY FROM ProducT;
```

Verify   Submit

Database structure

Salesman (Sid, Sname, Location)

Product (Prodid, Pdesc, Price, Category, Discount)

Sale (Saleid, Sid, Sldate, Amount)

Saledetail (Saleid, Prodid, Quantity)

OUTPUT

Query Result

PRODID	PDESC_FIVE	CATEGORY
101	Baske	Sports
102	Shirt	Apparel
103	NULL	Electronics
104	Crick	Sports
105	Trous	Apparel
106	Telev	ELECTRONICS

6 row(s) selected

solution.submitted

EXERCISE 25

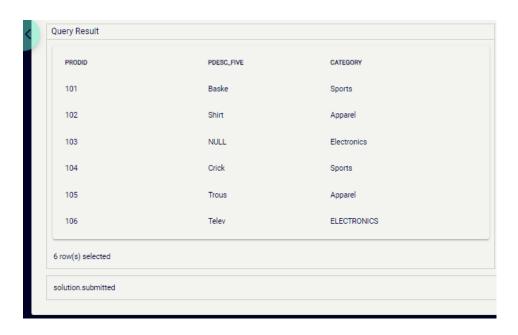## QUERY

Write a query to display the number of sales that were made in the last 40 months

Write your query here

```
1   SELECT count(saleid) SALE_COUNT from Saledetail;
```

Verify   Submit

OUTPUT

Query Result

SALE_COUNT

0

1 row(s) selected

solution.submitted

EXERCISE 26

QUERY

Write a query to display the product description and discount for all the products. Display the value 'No Description' if description is not having any value i.e. NULL.

Write your query here

```
1  select nvl(pdesc,'No Description') Pdesc,discount from Product;
```

Database structure

Salesman (Sid, Sname, Location)

Product (Prodid, Pdesc, Price, Ca

Sale (Saleid, Sid, Sldate, Amount)

Saledetail (Saleid, Prodid, Quanti

Verify   Submit

OUTPUT

Query Result

PDESC	DISCOUNT
Basketball	5
Shirt	10
No Description	15
Cricket Bat	20
Trouser	5
Television	20

6 row(s) selected

solution.submitted