

## Exercise 1

1. Produce a list of rows showing all columns from the SALES table.
2. Produce a list of rows showing all columns from the PRODUCT table.
3. Produce a list of rows showing all columns from the CUSTOMER table.
4. Produce a list of rows showing sales date, order number, product number, customer number, quantity, total amount from SALES table
5. Product a list of rows showing product number, product name, color from PRODUCT table

Copy and paste the below SQL's in SQL Developer and run them, You will get errors and try to correct those errors.

1. `SELECT SALES_DATE, ORDER_ID, PRODUCT_ID, FROM SALES`
2. `SELECT SALES_DATE, ORDER_ID, PRODUCT_ID SALES`
3. `SELECT SALES_DATE, PRODUCT_ID, TOTA_AMOUNT FROM SALES`
4. `SELECT * FROM SALE`

## Answers:

1. `SELECT * FROM sales;`
2. `SELECT * FROM product;`
3. `SELECT * FROM customer;`
4. `SELECT sales_date, order_id, product_id, customer_id, quantity, total_amount FROM sales;`
5. `SELECT product_id, product_name, color FROM product;`

## Answers for errors:

- 1) You will get an error “ORA-00936: missing expression” when you run below SQL statement.

```
SELECT SALES_DATE, ORDER_ID, PRODUCT_ID, FROM SALES
```

Correct the above SQL statement by removing the , after PRODUCT\_ID

```
SELECT SALES_DATE, ORDER_ID, PRODUCT_ID FROM SALES
```

- 2) You will get an error “ORA-00923: FROM keyword not found where expected” when you run below SQL statement.

```
SELECT SALES_DATE, ORDER_ID, PRODUCT_ID SALES
```

Correct the above SQL statement by adding FROM after PRODUCT\_ID

```
SELECT SALES_DATE, ORDER_ID, PRODUCT_ID FROM SALES
```

- 3) You will get an error “ORA-00904: "TOTA\_AMOUNT": invalid identifier” when you run below SQL statement.

```
SELECT SALES_DATE, PRODUCT_ID, TOTA_AMOUNT FROM SALES
```

Correct the above SQL statement by correcting the column name TOTA\_AMOUNT to TOTAL\_AMOUNT

```
SELECT SALES_DATE, PRODUCT_ID, TOTAL_AMOUNT FROM SALES
```

- 4) You will get an error “ORA-00942: table or view does not exist” when you run below SQL statement.

```
SELECT * FROM SALE
```

Correct the above SQL statement by correcting the table name SALE to SALES

```
SELECT * FROM SALES
```