1. **Produce the list of order with the following details:
   item code, descriptions & Unit-Price, given by Order-No & Vendor-No.**

   Run SQL Command Line

```
SQL> (
  2      SELECT I.icode, I.idesc, I.unit_price, O.onum, O.vender_num
  3      FROM item I, orders O, ordering Od
  4      WHERE I.icode = Od.itemcode AND Od.ordernum = O.onum
  5  );
```

ICODE	IDESC	UNIT_PRICE	ONUM	VENDER_NUM
1	book	25.25	32	21
2	calculator	656.5	42	21
3	record	60.6	66	21
4	pen	5.05	78	21
5	bag	1010	67	21

2. **Produce the daily items receipt summary with the following details:
   Order-no, Order date, Vender no, vender date, vender address item code
   item description EOQ, quantity received**. [Note: result should be displayed on date wise]

   Run SQL Command Line

```
SQL> SELECT O1.ONUM, O1.ODATE, V.VNUM, V.VNAME,
  2  V.VADDRESS, I.ICODE, I.IDESC, I.EQQ, O.QUANTITY
  3  FROM VENDER V, ORDERS O1, ITEM I,ORDERING O
  4  WHERE O.ORDERNUM = O1.ONUM AND
  5  I.ICODE = O.ITEMCODE AND
  6  O1.VENDER_NUM = V.VNUM
  7  ORDER BY O1.ODATE;
```

ONUM	ODATE	VNUM	VNAME	VADDRESS	ICODE	IDESC	EQQ	QUANTITY
67	06-APR-12	21	John	Las Vegas	5	bag	99	220
42	19-SEP-12	21	John	Las Vegas	2	calculator	80	557
66	20-JUN-15	21	John	Las Vegas	3	record	23	435
78	31-MAY-16	21	John	Las Vegas	4	pen	44	171
32	12-MAR-19	21	John	Las Vegas	1	book	75	112

3. **Produce the daily items issue summary with the following details: Indent no, section code, section name, item code, item description, quantity demanded, quantity issued.**

```
SQL> SELECT I1.INUM,S.SCODE,S.SNAME,
  2      I.ICODE,I.IDESC,I1.QTDMD,I1.QTISSUED
  3  FROM ITEM I,INDENT I1,SECTION S
  4  WHERE I1.ITEMCODE=I.ICODE AND
  5      I1.SECCODE=S.SCODE;

    INUM     SCODE SNAME                                ICODE IDESC                    QTDMD   QTISSUED
---------- ---------- ---------------------------------- ---------- ---------------------- ---------- ----------
      45        15 shop1                                  1 book                      13        112
      67        16 shop2                                  4 pen                       23        171
      32        17 shop3                                  5 bag                       78        162
      12        18 shop4                                  3 record                    56        435
      87        19 shop5                                  2 calculator                12        557
```

4. **Produce the list of orders with the following details: order no, order date, due date, vender no and vender name, given by delay duration. [Note: Delay duration=current date- due date]**

```
SQL> select o.onum, o.odate, o.due_date, v.vnum, v.vname,
  2  ( (select SYSDATE from DUAL) - o.due_date ) AS delay
  3  From orders o, vender v
  4  Where v.vnum = o.vender_num ;

    ONUM ODATE      DUE_DATE   VNUM VNAME                                 DELAY
---------- --------- --------- ---------- ------------------------------- ----------
      67 06-APR-12 19-MAR-17     21 John                            694.339606
      78 31-MAY-16 13-DEC-16     21 John                            790.339606
      66 20-JUN-15 21-JAN-19     21 John                            21.3396065
      42 19-SEP-12 17-NOV-17     21 John                            451.339606
      32 12-MAR-19 18-DEC-18     21 John                            55.3396065
```

5. **Produce the everyday bill payment voucher with the following details: item code, item description unit price, EOQ, quantity Received and item order value in Rs (EOQ * quantity-received) given by order no, voucher no & vender no.**

```
SQL> select I.icode,I.idesc,I.unit_price,I.eqq,
  2      O.quantity,I.eqq*O.quantity AS RS
  3  from item I,ordering O,orders O1
  4  where O.itemcode=I.icode AND
  5      O.ordernum=O1.onum AND
  6      O.ordernum=32 AND
  7      O1.voucher_num=34 AND
  8      O1.vender_num=21;

    ICODE IDESC                    UNIT_PRICE       EQQ   QUANTITY         RS
---------- ---------------------- ---------- ---------- ---------- ----------
      1 book                          27.5        75        112       8400
```

6. **Produce the monthly bill settlement summery of given vendor no with the following details: voucher no, voucher date, cheque no, cheque date cheque amount**

```
SQL> select V.vouchnum,V.vouchdate,C.cnum,
  2      C.camount,C.cdate
  3  from cheque C,voucher V
  4  where V.vennum=21 AND C.cnum=V.chqnum;

 VOUCHNUM VOUCHDATE       CNUM    CAMOUNT CDATE
---------- --------- ---------- ---------- ---------
       34 18-DEC-18       1781      12137 21-JAN-19
```

7. **Produce the monthly stores materials consumption summary with the following details: item code, item description, Unit price, quantity consumed and item consumption values in Rs.**

```
SQL> select I.icode,I.idesc,I.unit_price,O1.quantity,
  2      O1.quantity*I.unit_price
  3  from item I,ordering O1
  4  where I.icode=O1.itemcode;

    ICODE IDESC            UNIT_PRICE   QUANTITY O1.QUANTITY*I.UNIT_PRICE
---------- --------------- ---------- ---------- ------------------------
        1 book                   27.5        112                     3080
        2 calculator              715        557                   398255
        3 record                   66        435                    28710
        4 pen                     5.5        171                    940.5
        5 bag                    1100        220                   242000
```