

1. Produce the list of order with the following details: item code, description and unit price given by Order-No & Vender-No.

```
SQL> desc orders;
Name                               Null?    Type
-----
ORDER_NO                           NOT NULL NUMBER(38)
ORDER_DATE                         DATE
VOUCHER_NO                         NUMBER(38)
VENDER_NO                         NUMBER(38)
DUE_DATE                           DATE

SQL> desc item;
Name                               Null?    Type
-----
ITEM_CODE                           NOT NULL NUMBER(38)
ITEM_DESCRIPTION                     VARCHAR2(11)
UNIT_PRICE                         NUMBER(38)
EOQ                                 NUMBER(38)
ROL                                 NUMBER(38)
SOH                                 NUMBER(38)
BACK_ORDER_QTY                     NUMBER(38)

SQL> desc ordering;
Name                               Null?    Type
-----
ORDER_NO                           NUMBER(38)
ITEM_CODE                         NUMBER(38)
QUANTITY_RECIEVED                 NUMBER(38)

SQL> select I.ITEM_CODE, I.item_description, I.unit_price, O.order_no, O.vender_no
 2  from item I, orders O, ordering od
 3  where I.ITEM_CODE = od.ITEM_CODE and od.order_no = o.order_no;
```

ITEM_CODE	ITEM_DESCRI	UNIT_PRICE	ORDER_NO	VENDER_NO
4	p	51	111	102
3	ap	40	222	102
5	margo	61	222	102
2	oap	30	333	302
1	soap	20	444	402

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.

```
SQL> select ITEM_CODE, item_description, eoq from item;
ITEM_CODE  ITEM_DESCRI  EOQ
-----
1 soap      75
2 oap        85
3 ap         95
4 p         105
5 margo     115

SQL> select vender_no, vender_address from vender;
VENDER_NO  VENDER_ADDR
-----
102 tumkur
202 patna
302 jionagar
402 bhutan
502 nepal

SQL> select order_no, order_date, vender_no from Orders;
ORDER_NO  ORDER_DAT  VENDER_NO
-----
111 01-MAY-98 102
222 02-DEC-97 102
333 02-DEC-96 302
444 02-DEC-95 402
555 02-DEC-94 502

SQL> select order_no, ITEM_CODE, quantity_recieved from ordering;
ORDER_NO  ITEM_CODE  QUANTITY_RECIEVED
-----
111      4          20
222      5          3
222      3         40
333      2         50
444      1         60
```

```
SQL> select O.order_no, O.order_date, U.vender_no, U.vender_address, I.ITEM_CODE, I.item_description, I.eoq, OD.quantity_recieved
2 from item I, ordering OD, Orders O, vender U
3 where I.ITEM_CODE = OD.ITEM_CODE and OD.order_no = O.order_no and O.vender_no = U.vender_no
4 order by O.order_date;
```

ORDER_NO	ORDER_DAT	VENDER_NO	VENDER_ADDR	ITEM_CODE	ITEM_DESCRI	EOQ
QUANTITY_RECIEVED						
444	02-DEC-95 60	402	bhutan	1	soap	75
333	02-DEC-96 50	302	jionagar	2	oap	85
222	02-DEC-97 3	102	tunkur	5	margo	115
QUANTITY_RECIEVED						
222	02-DEC-97 40	102	tunkur	3	ap	95
111	01-MAY-98 20	102	tunkur	4	p	105

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 ITEM_CODE, item_description from item;
```

ITEM_CODE	ITEM_DESCRI
1	soap
2	oap
3	ap
4	p
5	margo

```
SQL> select indent_no,section_code from indent;
```

INDENT_NO	SECTION_CODE
12	2
22	3
32	4
42	5
52	2

```
SQL> select section_code section_name from section;
```

SECTION_NAME
2
3
4
5

```
SQL> select S.section_code,N.indent_no, S.section_name, I.ITEM_CODE, I.item_description, N.quantity_demanded, N.quantity_issued
2 from item I, indent N, section S, Orders O, ordering od
3 where I.ITEM_CODE = N.ITEM_CODE and N.section_code = S.section_code and I.ITEM_CODE = OD.ITEM_CODE and O.order_no =Od.order_no
4 order by O.order_date;
```

SECTION_CODE	INDENT_NO	SECTION_NAM	ITEM_CODE	ITEM_DESCRI	QUANTITY_DEMANDED
QUANTITY_ISSUED					
2	52	sooap	1	soap	1
60					
3	22	apsoo	2	oap	5
30					
5	42	margosoo	5	margo	2
50					
SECTION_CODE INDENT_NO SECTION_NAM ITEM_CODE ITEM_DESCRI QUANTITY_DEMANDED					
QUANTITY_ISSUED					
4	32	psoo	3	ap	3
40					
2	12	sooap	5	margo	4
20					

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 order_no, order_date, due_date, vender_no from orders;
```

ORDER_NO	ORDER_DAT	DUE_DATE	VENDER_NO
111	01-MAY-98	01-MAY-99	102
222	02-DEC-97	01-MAY-99	102
333	02-DEC-96	01-MAY-99	302
444	02-DEC-95	01-MAY-99	402
555	02-DEC-94	01-MAY-99	502

```
SQL> select vender_no, vender_name from vender;
```

VENDER_NO	VENDER_NAME
102	praglva
202	milhr
302	pranav
402	nikhil
502	mrinal

```
SQL> select O.order_no, O.order_date, O.due_date, U.vender_no, U.vender_name, <<select SYSDATE from DUAL> - O.order_date> as Delay
2 from Orders O, vender U
3 where U.vender_no = O.vender_no;
```

ORDER_NO	ORDER_DAT	DUE_DATE	VENDER_NO	VENDER_NAME	DELAY
222	02-DEC-97	01-MAY-99	102	pragloa	8092.46226
111	01-MAY-98	01-MAY-99	102	pragloa	7742.46226
333	02-DEC-96	01-MAY-99	302	pranav	8457.46226
444	02-DEC-95	01-MAY-99	402	nikhil	8823.46226
555	02-DEC-94	01-MAY-99	502	mrinal	9188.46226

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 ITEM_CODE, item_description, unit_price, eoq from item;
```

ITEM_CODE	ITEM_DESCRI	UNIT_PRICE	EOQ
1	soap	20	75
2	oap	30	85
3	ap	40	95
4	p	51	105
5	margo	61	115

```
SQL> select order_no, quantity_recieved from ordering;
```

ORDER_NO	QUANTITY_RECIEVED
111	20
222	3
222	40
333	50
444	60

```
SQL> select order_no, voucher_no, vender_no from orders;
```

ORDER_NO	VOUCHER_NO	VENDER_NO
111	1002	102
222	2002	102
333	4002	302
444	4002	402
555	5002	502

```
SQL> select I.ITEM_CODE, I.item_description, I.unit_price, I.eoq, OD.quantity_recieved, I.eoq * OD.quantity_recieved as ITEM_order_value
2 from ITEM I, Orders O, ordering OD
3 where I.ITEM_CODE = OD.ITEM_CODE and OD.order_no = O.order_no and O.voucher_no = 1002 and O.vender_no=102;
```

ITEM_CODE	ITEM_DESCRI	UNIT_PRICE	EOQ	QUANTITY_RECIEVED	ITEM_ORDER_VALUE
4	p	51	105	20	2100

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 voucher_no, voucher_date, cheque_no from voucher;
```

VOUCHER_NO	VOUCHER_D	CHEQUE_NO
1002	01-MAY-98	21
2002	02-DEC-98	31
3002	03-JAN-98	41
4002	04-MAR-98	51
5002	05-FEB-98	21

```
SQL> select cheque_no, cheque_date, cheque_amount from cheque;
```

CHEQUE_NO	CHEQUE_DA	CHEQUE_AMOUNT
21	31-MAY-98	2100000
31	21-MAY-98	310000
41	11-MAY-98	410000
51	01-MAY-98	510000

```
SQL> select U.voucher_no, U.voucher_date, C.cheque_no, C.cheque_date, C.cheque_amount
2 from voucher U, cheque c
3 where U.cheque_no = c.cheque_no;
```

VOUCHER_NO	VOUCHER_D	CHEQUE_NO	CHEQUE_DA	CHEQUE_AMOUNT
1002	01-MAY-98	21	31-MAY-98	2100000
2002	02-DEC-98	31	21-MAY-98	310000
3002	03-JAN-98	41	11-MAY-98	410000
4002	04-MAR-98	51	01-MAY-98	510000
5002	05-FEB-98	21	31-MAY-98	2100000

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 ITEM_CODE,item_description,unit_price from item;
```

ITEM_CODE	ITEM_DESCRI	UNIT_PRICE
1	soap	20
2	oap	30
3	ap	40
4	p	51
5	margo	61

```
SQL> select quantity_issued,ITEM_CODE from indent;
```

QUANTITY_ISSUED	ITEM_CODE
20	5
30	2
40	3
50	5
60	1

```
SQL> select I.ITEM_CODE, I.item_description, I.unit_price, N.quantity_issued, N.quantity_issued* I.unit_price as Item_Consumption_RS  
2 from item I, indent N  
3 where I.ITEM_CODE= N.ITEM_CODE;
```

ITEM_CODE	ITEM_DESCRI	UNIT_PRICE	QUANTITY_ISSUED	ITEM_CONSUMPTION_RS
5	margo	61	20	1220
2	oap	30	30	900
3	ap	40	40	1600
5	margo	61	50	3050
1	soap	20	60	1200