```
SQL> desc CHARTER
Name                        Null?    Type
----------------------- -------- ------------
CHARTER_NBR             NOT NULL NUMBER(4)
CHARTER_COST_PER_HOUR   NOT NULL NUMBER(6,2)
CHARTER_NBR_PASSENGERS  NOT NULL NUMBER(2)
CHARTER_SPECIAL_REQS             VARCHAR2(50)
CTYPE_NBR               NOT NULL NUMBER(2)
HELI_CALLSIGN           NOT NULL CHAR(6)
CLIENT_NBR              NOT NULL NUMBER(4)
EMP_NBR                 NOT NULL NUMBER(4)

SQL> desc CHARTER_LEG
Name                        Null?    Type
------------------------ -------- ---------
CL_LEG_NBR               NOT NULL NUMBER(2)
CHARTER_NBR              NOT NULL NUMBER(4)
CL_ETD                   NOT NULL DATE
CL_ETA                   NOT NULL DATE
CL_ATD                            DATE
CL_ATA                            DATE
LOCATION_NBR_ORIGIN      NOT NULL NUMBER(3)
LOCATION_NBR_DESTINATION NOT NULL NUMBER(3)

SQL> desc CHARTER_TYPE
Name              Null?    Type
----------------- -------- ---------------
CTYPE_NBR         NOT NULL NUMBER(2)
CTYPE_DESCRIPTION NOT NULL VARCHAR2(50)

SQL> desc CLIENT
Name            Null?    Type
--------------- -------- ------------
CLIENT_NBR      NOT NULL NUMBER(4)
CLIENT_LNAME    NOT NULL VARCHAR2(30)
CLIENT_FNAME             VARCHAR2(30)
CLIENT_ADDRESS  NOT NULL VARCHAR2(50)
CLIENT_SUBURB   NOT NULL VARCHAR2(50)
CLIENT_POSTCODE NOT NULL CHAR(4)
CLIENT_CONTACT  NOT NULL CHAR(10)
```

```
SQL> desc EMPLOYEE
Name            Null?     Type
--------------- --------- ------------
EMP_NBR         NOT NULL  NUMBER(4)
EMP_LNAME       NOT NULL  VARCHAR2(30)
EMP_FNAME                 VARCHAR2(30)
EMP_ADDRESS     NOT NULL  VARCHAR2(50)
EMP_SUBURB      NOT NULL  VARCHAR2(50)
EMP_POSTCODE    NOT NULL  CHAR(4)
EMP_CONTACT     NOT NULL  CHAR(10)
EMP_TAXFILENO   NOT NULL  VARCHAR2(20)
EMP_SALARY      NOT NULL  NUMBER(8,2)
EMP_NEXTOFKIN   NOT NULL  VARCHAR2(30)
EMP_IS_PILOT    NOT NULL  CHAR(1)

SQL> desc ENDORSEMENT
Name                   Null?     Type
---------------------- --------- -----------
HT_NBR                 NOT NULL  NUMBER(3)
EMP_NBR                NOT NULL  NUMBER(4)
END_HRS_FLOWN          NOT NULL  NUMBER(6,2)
END_LAST_ANNUAL_REVIEW NOT NULL  DATE

SQL> desc HELICOPTER
Name            Null?     Type
--------------- --------- ------------
HELI_CALLSIGN   NOT NULL  CHAR(6)
HELI_HRS_FLOWN  NOT NULL  NUMBER(6,2)
HT_NBR          NOT NULL  NUMBER(3)

SQL> desc HELICOPTER_TYPE
Name             Null?     Type
---------------- --------- ------------
HT_NBR           NOT NULL  NUMBER(3)
HT_NAME          NOT NULL  VARCHAR2(20)
HT_NBR_SEATS     NOT NULL  NUMBER(2)
HT_COST_PER_HOUR NOT NULL  NUMBER(6,2)

SQL> desc LOCATION
Name            Null?     Type
--------------- --------- ------------
LOCATION_NBR    NOT NULL  NUMBER(3)
LOCATION_NAME   NOT NULL  VARCHAR2(50)
```

```
SQL> set pagesize 500
SQL>
SQL> desc CHARTER
 Name                   Null?    Type
 ---------------------- -------- ------------
 CHARTER_NBR            NOT NULL NUMBER(4)
 CHARTER_COST_PER_HOUR  NOT NULL NUMBER(6,2)
 CHARTER_NBR_PASSENGERS NOT NULL NUMBER(2)
 CHARTER_SPECIAL_REQS            VARCHAR2(50)
 CTYPE_NBR              NOT NULL NUMBER(2)
 HELI_CALLSIGN          NOT NULL CHAR(6)
 CLIENT_NBR             NOT NULL NUMBER(4)
 EMP_NBR                NOT NULL NUMBER(4)
SQL> desc CHARTER_LEG
 Name                     Null?    Type
 ------------------------ -------- ---------
 CL_LEG_NBR               NOT NULL NUMBER(2)
 CHARTER_NBR              NOT NULL NUMBER(4)
 CL_ETD                   NOT NULL DATE
 CL_ETA                   NOT NULL DATE
 CL_ATD                            DATE
 CL_ATA                            DATE
 LOCATION_NBR_ORIGIN      NOT NULL NUMBER(3)
 LOCATION_NBR_DESTINATION NOT NULL NUMBER(3)
SQL> desc CHARTER_TYPE
 Name              Null?    Type
 ----------------- -------- -------------
 CTYPE_NBR         NOT NULL NUMBER(2)
 CTYPE_DESCRIPTION NOT NULL VARCHAR2(50)
SQL> desc CLIENT
 Name            Null?    Type
 --------------- -------- -------------
 CLIENT_NBR      NOT NULL NUMBER(4)
 CLIENT_LNAME    NOT NULL VARCHAR2(30)
 CLIENT_FNAME             VARCHAR2(30)
 CLIENT_ADDRESS  NOT NULL VARCHAR2(50)
 CLIENT_SUBURB   NOT NULL VARCHAR2(50)
 CLIENT_POSTCODE NOT NULL CHAR(4)
 CLIENT_CONTACT  NOT NULL CHAR(10)
SQL> desc EMPLOYEE
 Name          Null?    Type
 ------------- -------- ------------
 EMP_NBR       NOT NULL NUMBER(4)
 EMP_LNAME     NOT NULL VARCHAR2(30)
 EMP_FNAME              VARCHAR2(30)
 EMP_ADDRESS   NOT NULL VARCHAR2(50)
 EMP_SUBURB    NOT NULL VARCHAR2(50)
 EMP_POSTCODE  NOT NULL CHAR(4)
 EMP_CONTACT   NOT NULL CHAR(10)
 EMP_TAXFILENO NOT NULL VARCHAR2(20)
 EMP_SALARY    NOT NULL NUMBER(8,2)
```

```
EMP_NEXTOFKIN NOT NULL VARCHAR2(30)
EMP_IS_PILOT  NOT NULL CHAR(1)
SQL> desc ENDORSEMENT
Name                   Null?    Type
---------------------- -------- -----------
HT_NBR                 NOT NULL NUMBER(3)
EMP_NBR                NOT NULL NUMBER(4)
END_HRS_FLOWN          NOT NULL NUMBER(6,2)
END_LAST_ANNUAL_REVIEW NOT NULL DATE
SQL> desc HELICOPTER
Name            Null?    Type
--------------- -------- -----------
HELI_CALLSIGN   NOT NULL CHAR(6)
HELI_HRS_FLOWN  NOT NULL NUMBER(6,2)
HT_NBR          NOT NULL NUMBER(3)
SQL> desc HELICOPTER_TYPE
Name             Null?    Type
---------------- -------- ------------
HT_NBR           NOT NULL NUMBER(3)
HT_NAME          NOT NULL VARCHAR2(20)
HT_NBR_SEATS     NOT NULL NUMBER(2)
HT_COST_PER_HOUR NOT NULL NUMBER(6,2)
SQL> desc LOCATION
Name           Null?    Type
-------------- -------- ------------
LOCATION_NBR   NOT NULL NUMBER(3)
LOCATION_NAME  NOT NULL VARCHAR2(50)
SQL>
SQL> select * from CHARTER order by CHARTER_NBR;
```

CHARTER_NBR	CHARTER_COST_PER_HOUR	CHARTER_NBR_PASSENGERS	CHARTER_SPECIAL_REQS	CTYPE_NBR	HELI_C	CLIENT_NBR	EMP_NBR
100	350	2		10	BI-BAC	100	100
101	800	4	Search and rescue tools	10	BI-JRA	101	101
102	950	4	Camera Mount	11	BI-LRA	102	103
103	1000	4		13	BI-AST	101	103
104	750	3	Camera Mount	11	BI-JRB	100	101
105	650	4	Camera Mount	11	BI-JRB	100	101

```
SQL> select * from CHARTER_LEG order by charter_nbr, cl_leg_nbr;

CL_LEG_NBR CHARTER_NBR CL_ETD               CL_ETA               CL_ATD               CL_ATA               L_NBR_OR L_NBR_DEST
---------- ----------- -------------------- -------------------- -------------------- -------------------- -------- ------------
         1         100 01-AUG-2017 09:00:00 01-AUG-2017 10:00:00 01-AUG-2017 09:00:00 01-AUG-2017 09:53:00 102      100
         2         100 01-AUG-2017 12:00:00 01-AUG-2017 13:00:00 01-AUG-2017 12:05:00 01-AUG-2017 13:01:00 100      101
         3         100 01-AUG-2017 16:30:00 01-AUG-2017 18:00:00 01-AUG-2017 16:41:00 01-AUG-2017 17:48:00 101      102
         1         101 02-AUG-2017 08:00:00 02-AUG-2017 10:00:00 02-AUG-2017 08:14:00 02-AUG-2017 10:06:00 103      107
         2         101 02-AUG-2017 16:00:00 02-AUG-2017 18:00:00 02-AUG-2017 15:55:00 02-AUG-2017 17:47:00 107      103
         3         101 03-AUG-2017 08:00:00 03-AUG-2017 10:00:00 03-AUG-2017 08:05:00 03-AUG-2017 10:01:00 103      107
         4         101 03-AUG-2017 14:00:00 03-AUG-2017 16:00:00 03-AUG-2017 14:05:00 03-AUG-2017 15:51:00 107      103
         1         102 01-AUG-2017 09:00:00 01-AUG-2017 12:00:00 01-AUG-2017 09:16:00 01-AUG-2017 12:06:00 108      101
         1         103 02-AUG-2017 07:00:00 02-AUG-2017 07:30:00 02-AUG-2017 07:03:00 02-AUG-2017 07:46:00 105      108
         2         103 02-AUG-2017 11:00:00 02-AUG-2017 12:00:00 02-AUG-2017 10:55:00 02-AUG-2017 11:50:00 108      100
         3         103 02-AUG-2017 15:00:00 02-AUG-2017 16:00:00 02-AUG-2017 15:08:00 02-AUG-2017 15:58:00 100      101
         1         104 04-AUG-2017 08:00:00 04-AUG-2017 11:30:00 04-AUG-2017 08:08:00 04-AUG-2017 11:33:00 102      104
         1         105 13-AUG-2017 08:00:00 13-AUG-2017 11:30:00 13-AUG-2017 08:08:00 13-AUG-2017 11:33:00 102      104


SQL> select * from CHARTER_TYPE order by ctype_nbr;

 CTYPE_NBR CTYPE_DESCRIPTION
---------- --------------------------------------------------
        10 Scenic Flights
        11 Transport
        12 Filming
        13 Geological Survey
        14 Fire Mapping
        15 Fuel Reduction Burning
        16 Logging Coupe Regeneration Burning
        17 Aerial Seeding
        18 Training
        19 Search and Rescue


SQL> select * from CLIENT order by client_nbr;

CLIENT_NBR CLIENT_LNAME  CLIENT_FNAME  CLIENT_ADDRESS              CLIENT_SUBURB           CLIE CLIENT_CON
---------- ------------- ------------- --------------------------- ----------------------- ---- ----------
       100 The Grey      Gandalf       189 Lonely Mountain Rd      Gondor                  4216 0312431287
       101 Elessar       Aragorn       11 Dunedain St              Rivendell               5128 0285642732
       102 Woodland      Legolas       2 Elrond Ave                Northern Mirkwood       3192 0518642986
       103 Gollum                      1 Cave Rd                   Misty Mountains         4516 0329530816
```

```
SQL> select * from EMPLOYEE order by emp_nbr;

    EMP_NBR EMP_LNAME  EMP_FNAME   EMP_ADDRESS              EMP_SUBURB    EMP_ EMP_CONTAC EMP_TAXFILENO EMP_SALARY EMP_NEXTOFKIN       E
----------- ---------- ----------  ------------------------ ------------- ---- ---------- ------------- ---------- ------------------- -
        100 Baggins    Frodo       10 Brandy Hall Rd        Buckland      1111 0165204235 830124156          80000 Primula Brandybuck  Y
        101 Gamgee     Samwise     5 Willowbottom St        Shirebourne   1115 0276319283 549823197          76000 Rosie Cotton        Y
        102 Brandybuck Meriadoc    3 Buckleburry Ct         Buckland      1111 0127649365 317243512          82000 Estela Brandybuck   Y
        103 Took       Peregrin    9 Stock Rd               The Yale      1116 0342187649 056823416          68000 Eglantine Banks     Y
        104 Baggins    Bilbo       1 Bag End Bvd            Hobbiton      1110 0431876245 687134298          96000 Belladonna Took     Y
        105 Maggot     Farmer      18 Bamfurlong Rd         Marish        2165 0974352316 987345261          64000 Elisa Maggot        Y
        106 Butterbur  Barliman    8 Prancing Pony Cres     Bree          4261 0693421652 426712439          48000 Bob Butterbur       N
        107 Gloin      Gimli       43 Glittering Caves St   Deep Forest   3112 0365308761 375916257          51000 Dwalin Gloin        N
        108 Bombadil   Tom         12 Old Forest Ave        Barrow Downs  2169 0912762531 498123753          32000 Goldberry Bombadil  N
        109 Evenstar   Arwen       17 Needlehole St         Lorien        1123 0286430156 612315276          42000 Galadriel Evenstar  N

SQL> select * from ENDORSEMENT order by ht_nbr, emp_nbr;

     HT_NBR     EMP_NBR END_HRS_FLOWN END_LAST_
---------- ---------- ------------- ---------
        100        100           115 31/MAR/17
        100        101           175 31/MAY/17
        101        101           120 30/SEP/16
        101        102           125 31/MAY/17
        102        103           210 30/JUN/17
        103        101           120 30/SEP/17
        103        103           310 30/NOV/16
        103        104           180 28/FEB/17

SQL> select * from HELICOPTER order by heli_callsign;

HELI_C HELI_HRS_FLOWN     HT_NBR
------ -------------- ----------
BI-AST            214        103
BI-BAC            420        100
BI-BDE            300        100
BI-JRA            284        101
BI-JRB            386        101
BI-JRC            241        101
BI-JRD            126        101
BI-JRE             93        101
BI-LRA            428        102
```

```
SQL> select * from HELICOPTER_TYPE order by ht_nbr;

    HT_NBR HT_NAME                   HT_NBR_SEATS HT_COST_PER_HOUR
---------- -------------------- ------------ ----------------
       100 Bell 47G2                         2              350
       101 JetRanger                         4              750
       102 LongRanger                        2              950
       103 AS350                             4              850
       104 Eurocopter EC145                  6              600

SQL> select * from LOCATION order by location_nbr;

LOCATION_NBR LOCATION_NAME
------------ -------------------------------------------------
         100 Rivendell
         101 Mount Doom
         102 Gondor Airport
         103 Prancing Pony Bree
         104 Mordor Airport
         105 Hobbiton
         106 Weathertop
         107 Misty Mountains
         108 Buckland
```