Table Schema:

Create Tables with Integrity Constrains:

a)   EMP (empno - primary key, empname, salary, deptname - references entries in a deptname of department table with null constraint, bossno - references entries in an empno of emp table with null constraint)

b)   DEPARTMENT (deptname - primary key, floor, phone, empno - references entries in an empno of emp table not null)

c)   SALES (salesno - primary key, saleqty, itemname -references entries in a itemname of item table with not null constraint, deptname - references entries in a deptname of department table with not null constraint)

d)   ITEM (itemname - primary key, itemtype, itemcolor)

Data For Tables:

Bossno is a reference to the empno

EMP table:

Empno	Empname	Empsalary	Department	Bossno
1	Alice	75000	Management	-------
2	Ned	45000	Marketing	1
3	Andrew	25000	Marketing	2
4	Clare	22000	Marketing	2
5	Todd	38000	Accounting	1
6	Nancy	22000	Accounting	5
7	Brier	43000	Purchasing	1
8	Sarah	56000	Purchasing	7
9	Sophile	35000	Personnel	1
10	Sanjay	15000	Navigation	3
11	Rita	15000	Books	4
12	Gigi	16000	Clothes	4
13	Maggie	11000	Clothes	4

14	Paul	15000	Equipment	3
15	James	15000	Equipment	3
16	Pat	15000	Furniture	3
17	Mark	15000	Recreation	3

DEPARTMENT:

Deptname	Deptfloor	Deptphone	MgrId
Management	5	34	1
Books	1	81	4
Clothes	2	24	4
Equipment	3	57	3
Furniture	4	14	3
Navigation	1	41	3
Recreation	2	29	4
Accounting	5	35	5
Purchasing	5	36	7
Personnel	5	37	9
Marketing	5	38	2

SALES Table:

Salesno	Saleqty	itemname	Deptname
101	2	Boots-snake proof	Clothes
102	1	Pith Helmet	Clothes
103	1	Sextant	Navigation
104	3	Hat-polar Explorer	Clothes
105	5	Pith Helmet	Equipment
106	2	Pocket Knife-Nile	Clothes
107	3	Pocket Knife-Nile	Recreation
108	1	Compass	Navigation
109	2	Geo positioning system	Navigation

110	5	Map Measure	Navigation
111	1	Geo positioning system	Books
112	1	Sextant	Books
113	3	Pocket Knife-Nile	Books
114	1	Pocket Knife-Nile	Navigation
115	1	Pocket Knife-Nile	Equipment
116	1	Sextant	Clothes
117	1	"	Equipment
118	1	"	Recreation
119	1	"	Furniture
120	1	Pocket Knife-Nile	"
121	1	Exploring in 10 easy lessons	Books
122	1	How to win foreign friends	"
123	1	Compass	"
124	1	Pith Helmet	"
125	1	Elephant Polo stick	Recreation
126	1	Camel Saddle	Recreation

ITEM table:

Itemname	itemtype	itemcolor
Pocket Knife-Nile	E	Brown
Pocket Knife-Avon	E	Brown
Compass	N	--
Geo positioning system	N	--
Elephant Polo stick	R	Bamboo
Camel Saddle	R	Brown
Sextant	N	--
Map Measure	N	--

Boots-snake proof	C	Green
Pith Helmet	C	Khaki
Hat-polar Explorer	C	White
Exploring in 10 Easy Lessons	B	--
Hammock	F	Khaki
How to win Foreign Friends	B	--
Map case	E	Brown
Safari Chair	F	Khaki
Safari cooking kit	F	Khaki
Stetson	C	Black
Tent - 2 person	F	Khaki
Tent -8 person	F	Khaki