

FUNDAMENTALS OF DATABASE SYSTEMS

FINAL SUBMISSION: THE WELLMEADOWS HOSPITAL

1. INPATIENT

WELLMEADOWS		Table name: INPATIENT	<input type="checkbox"/> WITHOUT ROWID							
	Name	Data type	Primary Key	Foreign Key	Unique	Check	Not NULL	Collate	Generated	
1	Patient Number	INTEGER								NULL
2	First Name	STRING								NULL
3	Last Name	STRING								NULL
4	Address	STRING								NULL
5	Telephone	INTEGER								NULL
6	Date of Birth	DATE								NULL
7	Sex	STRING								NULL
8	Marital Status	STRING								NULL
9	NoK Number	STRING								NULL
10	Date placed on the waiting list	DATE								NULL
11	Ward Number	INTEGER								NULL
12	Expected Duration of Stay (In Days)	INTEGER								NULL
13	Date placed in the Ward	DATE								NULL
14	Date expected to leave the ward	DATE								NULL
15	Actual Date The patient left the ward	DATE								NULL
16	Bed Number	INTEGER								NULL

Filter data																
Total rows loaded: 5																
Patient N	First Name	Last Name	Address	Telephone	Date of Birth	Sex	Marital Sta	NoK Num	Date placed on	Ward N	Expect	Date placed in	Date expected	Actual Date Th	Bed Number	
1	14031	Landon	Garnet	7 Apple Drive Edinburgh	0131-767-5787	Apr-29-1979	Male	Married	NK14031	Jun-07-2006	17	20	Jun-07-2006	Jun-27-2006	Jul-02-2006	8
2	14266	Chantelle	Pollock	62 Old Hills Edinburgh	0131-494-2368	Jun-28-1984	Female	Single	NK14266	Jan-03-2001	1	18	Jan-03-2001	Jan-21-2001	Jan-25-2001	14
3	14311	Lyda	McCrae	11 Cornfield Corner Broxburn	0131-024-1946	Sep-06-1969	Female	Married	NK14311	Mar-26-2007	5	9	NULL	NULL	NULL	NULL
4	14392	Patty	Alvin	22a Royal Road Broxburn	0131-124-5789	Febr-23-1970	Female	Married	NK14392	May-08-2000	5	8	May-08-2000	May-16-2000	May-17-2000	3
5	14469	Lavonne	Sadler	26 Mockingjay Street Edinburgh	0131-000-2305	May-19-1978	Female	Widowed	NK14469	Aug-01-2004	4	11	NULL	NULL	NULL	NULL

Structure	Data	Constraints	Indexes	Triggers	DDL
<pre> CREATE TABLE INPATIENT ([Patient Number] INTEGER NOT NULL REFERENCES PATIENT ([Patient Number]), [First Name] STRING NOT NULL, [Last Name] STRING NOT NULL, Address STRING NOT NULL, Telephone INTEGER NOT NULL, [Date of Birth] DATE NOT NULL, Sex STRING NOT NULL, [Marital Status] STRING NOT NULL, [NoK Number] STRING REFERENCES [PATIENTNEXT-OF-KIN] ([NoK Number]) NOT NULL, [Date placed on the waiting list] DATE NOT NULL, [Ward Number] INTEGER NOT NULL REFERENCES WARDS ([Ward Number]), [Expected Duration of Stay (In Days)] INTEGER NOT NULL, [Date placed in the Ward] DATE, [Date expected to leave the ward] DATE, [Actual Date The patient left the ward] DATE, [Bed Number] INTEGER UNIQUE); </pre>					

2. LOCALDOCTORS

Structure Data Constraints Indexes Triggers DDL

WELLMEADOWS Table name: LOCALDOCTORS ☐ WITHOUT ROWID

	Name	Data type	Primary Key	Foreign Key	Unique	Check	Not NULL	Collate	Generated
1	Clinic Number	STRING							<i>NULL</i>
2	Full Name	STRING							<i>NULL</i>
3	Address	STRING							<i>NULL</i>
4	Telephone Number	INTEGER							<i>NULL</i>

1

Filter data

	Clinic Number	Full Name	Address	Telephone Number
1	A103	Dr. Addison Bech	12 A Broadway, Broxburn	0131-213-2126
2	E218	Dr. Aidan Hinz	42 Hubbard, Edinburgh	0131-555-0131
3	D32	Dr. Saul Podlas	2 D Riverhead, Edinburgh	0131-555-0137
4	D62	Dr. Adalyn Calger	72 Mountain Loop, Broxburn	0131-555-0109
5	G102	Dr. Helen Pearson	22 Commongale, Edinburgh	0131-332-0012

4. PATIENT

WELLMEADOWS Table name: ☐ WITHOUT ROWID

	Name	Data type	Primary Key	Foreign Key	Unique	Check	Not NULL	Collate	Generated	
1	Patient Number	INTEGER								NULL
2	First Name	STRING								NULL
3	Last Name	STRING								NULL
4	Address	STRING								NULL
5	Telephone Number	INTEGER								NULL
6	Date of Birth	DATE								NULL
7	Sex	STRING								NULL
8	Marital Status	STRING								NULL
9	Date Registered with the Hospital	DATE								NULL
10	NoK Number	STRING								NULL

Filter data Total rows loaded: 10

	Patient Nur	First Name	Last Name	Address	Telephone Numl	Date of Birth	Sex	Marital Stal	Date Register	NoK Numbe
1	14031	Landon	Garnet	7 Apple Drive Edinburgh	0131-767-5787	Apr-29-1979	Male	Married	Jun-07-2006	NK14031
2	14130	Silvester	Crisp	5 Grace Corner Broxburn	0131-121-2974	Sep-08-1975	Male	Divorced	Dec-31-2005	NK14130
3	14266	Chantelle	Pollock	62 Old Hills Edinburgh	0131-494-2368	Jun-28-1984	Female	Single	Jan-03-2001	NK14266
4	14293	Foster	Jefferson	56 High Street Edinburgh	0131-160-0002	Sep-24-1965	Male	Married	Oct-09-2010	NK14293
5	14311	Lyda	McCrae	11 Cornfield Corner Broxburn	0131-024-1946	Sep-06-1969	Female	Married	Mar-26-2007	NK14311
6	14378	Micheal	Lindsey	33 Apple Drive Extn. Edinburgh	0131-111-5711	Jan-10-1968	Male	Widowed	Oct-28-2007	NK14378
7	14392	Patty	Alvin	22a Royal Road Broxburn	0131-124-5789	Febr-23-1970	Female	Married	May-08-2000	NK14392
8	14443	Corrine	Ayers	39 Westview Hills Broxburn	0131-456-1009	Mar-31-1970	Female	Divorced	May-01-2010	NK14443
9	14469	Lavonne	Sadler	26 Mockingjay Street Edinburgh	0131-000-2305	May-19-1978	Female	Widowed	Aug-01-2004	NK14469
10	14504	Cash	Draper	4 Westview Hills Broxburn	0131-137-2443	Aug-20-1985	Male	Single	Sep-10-2001	NK14504

Structure	Data	Constraints	Indexes	Triggers	DDL
<pre> CREATE TABLE PATIENT ([Patient Number] INTEGER PRIMARY KEY UNIQUE NOT NULL, [First Name] STRING NOT NULL, [Last Name] STRING NOT NULL, Address STRING NOT NULL, [Telephone Number] INTEGER NOT NULL, [Date of Birth] DATE NOT NULL, Sex STRING NOT NULL, [Marital Status] STRING NOT NULL, [Date Registered with the Hospital] DATE NOT NULL, [NoK Number] STRING REFERENCES [PATIENTNEXT-OF-KIN] ([NoK Number]) NOT NULL); </pre>					

5. PATIENTAPPOINTMENTS



WELLMEADOWS Table name: PATIENTAPPOINTMENTS ☐ WITHOUT ROWID

	Name	Data type	Primary Key	Foreign Key	Unique	Check	Not NULL	Collate	Generated	
1	Appointment Number	STRING								NULL
2	Staff Number	INTEGER								NULL
3	Staff Name	STRING								NULL
4	Date of the Appointment	DATE								NULL
5	Time of the Appointment	TIME								NULL
6	Examination Room	STRING								NULL



	Appointment Number	Staff Number	Staff Name	Date of the Appointment	Time of the Appointment	Examination Room
1	AP-142	5448	Amy Stone	Jun-14-2006	10:15	Room E252
2	AP- 209	5448	Amy Stone	Jan-07-2005	9:00	Room A142
3	AP-675	5344	Laurence Burne	Dec-31-2005	11:00	Room E311
4	AP-698	5448	Amy Stone	Oct-09-2010	9:30	Room C139
5	AP-910	5344	Laurence Burne	Oct-28-2007	10:45	Room B213
6	AP-1092	5344	Laurence Burne	May-01-2010	9:15	Room E241
7	AP-1145	5344	Laurence Burne	Sep-10-2001	10:30	Room B132
8	AP-1149	5448	Amy Stone	May-08-2010	9:45	Room A359
9	AP-1208	5344	Laurence Burne	Aug-08-2004	10:00	Room D152
10	AP-1269	5448	Amy Stone	Sep-17-2001	10:20	Room C195

Structure	Data	Constraints	Indexes	Triggers	DDL
-----------	------	-------------	---------	----------	-----

```
CREATE TABLE PATIENTAPPOINTMENTS (
  [Appointment Number]      STRING      PRIMARY KEY
                              UNIQUE
                              NOT NULL,
  [Staff Number]            INTEGER     REFERENCES STAFF ([Staff Number])
                              NOT NULL,
  [Staff Name]              STRING      NOT NULL,
  [Date of the Appointment]  DATE        NOT NULL,
  [Time of the Appointment]  TIME        NOT NULL,
  [Examination Room]        STRING      NOT NULL
);
```

6. PATIENTMEDICATION

WELLMEADOWS Table name: PATIENTMEDICATION ☐ WITHOUT ROWID

	Name	Data type	Primary Key	Foreign Key	Unique	Check	Not NULL	Collate	Generated	
1	Patient Number	INTEGER								NULL
2	Patient Name	STRING								NULL
3	Drug Number	INTEGER								NULL
4	Drug Name	STRING								NULL
5	Units per Day	INTEGER								NULL
6	Method of Administration	STRING								NULL
7	Start Date	DATE								NULL
8	Finish Date	DATE								NULL

Filter data

	Patient Nur	Patient Name	Drug Num	Drug Name	Units per D	Method of	Start Date	Finish Date
1	14031	Landon Garnet	10225	Morphine	2	IV	Jun-10-2006	Jul-02-2006
2	14130	Silvester Crisp	50281	Tolbutamide	3	IV	Jan-03-2006	Jan-14-2006
3	14266	Chantelle Pollock	28123	Acetaminophen	8	Oral	Jan-06-2001	Jan-25-2001
4	14293	Foster Jefferson	50281	Tolbutamide	3	IV	Oct-12-2010	Nov-22-2010
5	14311	Lyda McCrae	30057	Amoxicilin	3	Oral	Mar-29-2007	Apr-04-2007
6	14378	Micheal Lindsey	10225	Morphine	2	IV	Oct-31-2007	Nov-11-2007
7	14392	Patty Alvin	40271	Cetirizine	1	Oral	May-11-2000	May-17-2000
8	14443	Corrine Ayers	28123	Acetaminophen	8	Oral	May-04-2010	May-15-2010
9	14469	Lavonne Sadler	50281	Tolbutamide	3	IV	Aug-04-2004	Aug-12-2004
10	14504	Cash Draper	30057	Amoxicilin	3	Oral	Sep-13-2001	Sep-24-2001

Structure Data Constraints Indexes Triggers DDL

```
CREATE TABLE PATIENTMEDICATION (
  [Patient Number] INTEGER REFERENCES PATIENT ([Patient Number]),
  [Patient Name] STRING NOT NULL,
  [Drug Number] INTEGER NOT NULL
  REFERENCES PHARMACEUTICALSUPPLIES ([Drug Number]),
  [Drug Name] STRING NOT NULL,
  [Units per Day] INTEGER NOT NULL,
  [Method of Administration] STRING NOT NULL,
  [Start Date] DATE NOT NULL,
  [Finish Date] DATE NOT NULL
);
```

7. PATIENTNEXT-OF-KIN

Table name:
☐ WITHOUT ROWID

	Name	Data type	Primary Key	Foreign Key	Unique	Check	Not NULL	Collate	Generated
1	NoK Number	STRING							NULL
2	Full Name	STRING							NULL
3	Relationship to the Patient	STRING							NULL
4	Address	STRING							NULL
5	Telephone Number	INTEGER							NULL

1

Total rows loaded:

	NoK Number	Full Name	Relationship to the Patient	Address	Telephone Number
1	NK14031	James Jackson	Husband	145 Rowlands Street, Paisley PA2 5FE	0131-767-5787
2	NK14130	Timothy Crisp	Brother	5 Grace Corner Broxburn	0131-121-2974
3	NK14266	Nathaniel Adams	Friend	62 Old Hills Edinburgh	0131-494-2368
4	NK14293	Sandra Jefferson	Mother	2 Clear Pool Edinburgh	0141- 853-0032
5	NK14311	Juliet Adams	Daughter	53 Delaware Street Broxburn	0141-240-6425
6	NK14378	Arnold Phelps	Friend	32 Rowlands Street, Paisley	0131-422-8732
7	NK14392	Brianne Alvin	Son	22a Royal Road Broxburn	0131-124-5789
8	NK14443	Pam Walters	Friend	108 Black Pearl Avenue Edinburgh	0141-209-9013
9	NK14469	Bob Sadler	Father	6 Eagle Street Edinburgh	0131-222-2357
10	NK14504	Trixie Prowlett	Friend	13 Delaware Street Broxburn	0141-123-4138

Structure
Data
Constraints
Indexes
Triggers
D

```

CREATE TABLE [PATIENTNEXT-OF-KIN] (
  [NoK Number]          STRING  PRIMARY KEY
                           UNIQUE
                           NOT NULL,
  [Full Name]           STRING  NOT NULL,
  [Relationship to the Patient] STRING NOT NULL,
  Address               STRING  NOT NULL,
  [Telephone Number]    INTEGER NOT NULL
);

```

8. PHARMACEUTICALSUPPLIES

WELLMEADOWS Table name: PHARMACEUTICALSUPPLIES <input type="checkbox"/> WITHOUT ROWID										
	Name	Data type	Primary Key	Foreign Key	Unique	Check	Not NULL	Collate	Generated	
1	Drug Number	INTEGER								NULL
2	Drug Name	STRING								NULL
3	Drug Description	STRING								NULL
4	Dosage	INTEGER								NULL
5	Method of Administration	STRING								NULL
6	Quantity in Stock	INTEGER								NULL
7	Reorder Level	INTEGER								NULL
8	Cost per Unit	INTEGER								NULL

Filter data Total rows loaded: 5								
	Drug Numb	Drug Name	Drug Description	Dosage	Method of	Quantity in	Reorder Le	Cost per Ui
1	10225	Morphine	Pain Killer	10mg	IV	50 Stocks	15 Stocks	7.14
2	28123	Acetaminophen	Pain Reliever	50mg	Oral	80 Stocks	30 Stocks	9
3	30057	Amoxicilin	used to treat many different types of infection caused by bacteria	50mg	Oral	100 Stocks	20 Stocks	4.72
4	40271	Cetirizine	For Allergies	80mg	Oral	50 Stocks	15 Stocks	11.21
5	50281	Tolbutamide	For Diabetis	50mg	IV	50 Stocks	15 Stocks	21.82

```

Structure  Data  Constraints  Indexes  Triggers
CREATE TABLE PHARMACEUTICALSUPPLIES (
  [Drug Number]          INTEGER NOT NULL
                          PRIMARY KEY
                          UNIQUE,
  [Drug Name]             STRING  NOT NULL,
  [Drug Description]      STRING  NOT NULL,
  Dosage                  INTEGER  NOT NULL,
  [Method of Administration] STRING NOT NULL,
  [Quantity in Stock]     INTEGER  NOT NULL,
  [Reorder Level]         INTEGER  NOT NULL,
  [Cost per Unit]         INTEGER  NOT NULL
);

```

9. STAFF

<div> <div> <div>WELLMEADOWS</div> <div>Table name: STAFF</div> <div>WITHOUT ROWID</div> </div> </div>										
	Name	Data type	Primary Key	Foreign Key	Unique	Check	Not NULL	Collate	Generated	
1	Staff Number	INTEGER								NULL
2	First Name	STRING								NULL
3	Last Name	STRING								NULL
4	Full Address	STRING								NULL
5	Telephone Number	STRING								NULL
6	Date of Birth	DATE								NULL
7	Sex	STRING								NULL
8	National Insurance Number (NIN)	INTEGER								NULL
9	Position Held	STRING								NULL
10	Current Salary	DECIMAL								NULL
11	Salary Scale	DECIMAL								NULL
12	Date of Qualification	DATE								NULL
13	Type of Qualification	STRING								NULL
14	Name of Institution	STRING								NULL
15	Name of the Organization	STRING								NULL
16	Position	STRING								NULL
17	Start Date	DATE								NULL

<div> <div> <div> <div>Filter data</div> <div>Total rows loaded: 11</div> </div> </div> </div>													
	Staff Numbr	First Name	Last Name	Full Address	Telephone Numbr	Date of Birth	Sex	National Insura	Position Held	Current Sa	Salary Scal	Date of Qualifi	Type of Qualification
1	5096	Carol	Cummings	15 High Street Edinburgh	0131-334-5677	Dec-18-1979	Female	AN 70 90 80 D	Staff Nurse	15250	2C Scale	Jun-22-1999	BSb Nursing Studies
2	5123	Morgan	Russel	23A George Street Broxburn	0131-506-0676	Aug-31-1985	Female	KJ 98 09 60 B	Nurse	13600	2B Scale	Dec-25-2001	BSc Nursing Studies
3	5145	Nigel	Bailey	2C North Corner Broxburn	0131-0011-6992	Oct-10-1979	Male	ZX 76 76 91 B	Medical Director	20500	1A Scale	Mar-30-1996	BSa Nursing Studies
4	5167	Robin	Flewin	7 Glen terrace Edinburgh	0131-399-6123	Nov-19-1971	Male	AW 76 55 05 D	Staff Nurse	15250	2C Scale	Nov-01-1993	BSb Nursing Studies
5	5234	Amy	O'Donnell	234 Princess Street Edinburgh	0131-344-9099	Jun-15-1981	Female	HJ 41 20 78 C	Junior Nurse	13600	2B Scale	May-01-2000	BSc Nursing Studies
6	5256	Charissa	Payne	3 Hign Street Edinburgh	0131-555-0101	Jan-01-1975	Female	RS 21 09 69 B	Senior Nurse	13600	2B Scale	Aug-23-1997	BSc Nursing Studies
7	5289	Hugo	Cross	17-B Grace Corner Broxburn	0131-555-0156	Apr-31-1969	Male	CA 53 57 10 A	Personnel Officer	14500	1B Scale	Jul-05-1989	BSb Nursing Studies
8	5301	Moirra	Samuel	49 School Road Broxburn	0131-506-4533	May-30-1961	Female	WB 12 34 23 D	Charge Nurse	18700	1C Scale	Jul-12-1987	BSc Nursing Studies
9	5344	Laurence	Burne	1 Apple Drive Edinburgh	0131-334-9100	Dec-31-1963	Male	CR 05 10 87 C	Consultant	11300	3B Scale	Oct-09-1982	BSb Nursing Studies
10	5362	Devin	Peck	18I Blue Cross Road Broxburn	0131-555-0158	Mar-27-1979	Male	HT 25 82 03 B	Charge Nurse	18700	1C Scale	Mar-08-1993	BSc Nursing Studies
11	5448	Amy	Stone	24 Mahogany Road Edinburgh	0131-004-1000	Sep-12-1968	Female	CR 15 00 97 F	Consultant	11300	3B Scale	Aug-08-1987	BSb Nursing Studies

Name of Institution	Name of the Organization	Position	Start Date	Finish Date	Employment	Number of	Salary Payment
Rose Field Medical University	Eastern Hospital	Nurse	Oct-19-1999	Feb-15-2001	Permanent	58.5	Weekly
Broxburn University	NULL	NULL	NULL	NULL	Temporary	56.5	Weekly
Edinburgh University	Everlife Hospital	Personel Officer	Sep-05-1996	Jan-29-1998	Permanent	45.5	Monthly
Rose Field Medical University	New Hope Hospital	Staff Nurse	Oct-06-1995	Feb-18-1998	Temporary	58.5	Monthly
Edinburgh University	NULL	NULL	NULL	NULL	Temporary	56.5	Monthly
Broxburn University	Western Hospital	Junior Nurse	Feb-13-1998	Nov-15-1998	Permanent	56.5	Weekly
Broxburn University	New Hope Hospital	Staff Nurse	Sep-24-1989	Dec-31-1999	Permanent	50.5	Weekly
Edinburgh University	Western Hospital	Staff Nurse	Jan-23-1990	May-01-1993	Permanent	37.5	Monthly
Rose Field Medical University	Eastern Hospital	Consultant	May-18-1987	Aug-04-1994	Temporary	35.5	Monthly
Broxburn University	NULL	NULL	NULL	NULL	Permanent	37.5	Weekly
Rose Field Medical University	Eastern Hospital	Consultant	Mar-11-1992	Jan-29-1999	Temporary	35.5	Monthly

Structure	Data	Constraints	Indexes	Triggers	DDL
<pre> CREATE TABLE STAFF ([Staff Number] INTEGER PRIMARY KEY NOT NULL UNIQUE, [First Name] STRING NOT NULL, [Last Name] STRING NOT NULL, [Full Address] STRING NOT NULL, [Telephone Number] STRING NOT NULL, [Date of Birth] DATE NOT NULL, Sex STRING NOT NULL, [National Insurance Number (NIN)] INTEGER NOT NULL, [Position Held] STRING NOT NULL, [Current Salary] DECIMAL NOT NULL, [Salary Scale] DECIMAL NOT NULL, [Date of Qualification] DATE NOT NULL, [Type of Qualification] STRING NOT NULL, [Name of Institution] STRING NOT NULL, [Name of the Organization] STRING, Position STRING, [Start Date] DATE, [Finish Date] DATE, [Employment Contract (Type)] STRING NOT NULL, [Number of Hours per Week] DECIMAL NOT NULL, [Salary Payment (type)] CHAR NOT NULL); </pre>					

10. SUPPLIERS

<div> <div> <div>Table name:</div> <div>SUPPLIERS</div> <div>WITHOUT ROWID</div> </div> </div>										
	Name	Data type	Primary Key	Foreign Key	Unique	Check	Not NULL	Collate	Generated	
1	Supplier Number	INTEGER								NULL
2	Supplier Name	STRING								NULL
3	Address	STRING								NULL
4	Telephone	INTEGER								NULL
5	Fax Number	INTEGER								NULL

<div> <div> <div>Filter data</div> <div>Total rows 1</div> </div> </div>										
1	Supplier Number	Supplier Name	Address	Telephone	Fax Number					
	18543	Sun Pharmaceutical	32 Princess Street Andrews	0141-4724-218	161-999-1201					
2	28159	Lupin Medical Supplies Depot.	104 Central Park Glasgow	0121-2842-219	212-997-8091					
3	39721	Sandoz Pharmaceutical	219 Cone Road Edinburgh	0131-2814-281	199-222-2353					
4	42914	Mylan MV Pharmaceutical	102 Devotion Corner Broxburn	0131-4281-242	161-349-8888					
5	52814	St. Joseph Medical Supplies Depot	201 Delaware Avenue Aberdeen	0111-2914-121	214-421-5392					

Structure	Data	Constraints	Indexes
-----------	------	-------------	---------













```

CREATE TABLE SUPPLIERS (
  [Supplier Number] INTEGER PRIMARY KEY
                        UNIQUE
                        NOT NULL,
  [Supplier Name]   STRING NOT NULL,
  Address           STRING NOT NULL,
  Telephone         INTEGER NOT NULL,
  [Fax Number]     INTEGER NOT NULL
);

























```

11. SURGICALANDNON-SURGICALSUPPLIES

<div> <div> <div>Table name:</div> <div>SURGICALANDNON-SURGICALSUPPLIES</div> <div>WITHOUT ROWID</div> </div> </div>										
	Name	Data type	Primary Key	Foreign Key	Unique	Check	Not NULL	Collate	Generated	
1	Item Number	STRING								NULL
2	Item Name	STRING								NULL
3	Item Description	STRING								NULL
4	Quantity in Stocks	INTEGER								NULL
5	Reorder Level	INTEGER								NULL
6	Cost per Unit	DECIMAL								NULL

<div>            </div> <div>Filter data</div> <div>Total rows loaded: 10</div>						
Item Number	Item Name	Item Description	Quantity in Stock	Reorder Level	Cost per Unit	
1 NS306	Blade	It is a small and extremely sharp bladed instrument used for surgery.	200 Stocks	50 stocks	3.95	
2 NS312	Medical Shears	Medical professionals in their facilities by cutting materials such as sutures, skin tissue, bandage	150 Stocks	50 stocks	2.25	
3 SS318	Surgical Mask	Disposable device that creates a physical barrier between the mouth and nose of the wearer.	5000 Stocks	1000 Stocks	0.5	
4 SS322	Stethoscope	Medical device for auscultation, or listening to internal sounds of an animal or human body.	50 Stocks	10 Stocks	10.95	
5 SS325	Syringe	Device that is used to inject fluid into, or withdraw fluid from, the body.	1000 Stocks	200 Stocks	1.25	
6 SS327	Thermometer	Used to measure the temperature.	150 Stocks	50 Stocks	5.5	
7 SS331	Gauze	Translucent fabric with a loose open weave.	500 Stocks	100 Stocks	1.25	
8 NS335	Wheel Chair	Used for injured patients.	50 Stocks	20 Stocks	12.2	
9 NS339	Beds	Used for the patients to stay.	250 Stocks	50 Stocks	25.15	
10 NS341	Scales	To measure the weight/Mass of the Patients or the objects.	20 Stocks	10 Stocks	4.99	
<div>Structure</div> <div>Data</div> <div>Constraints</div> <div>Indexes</div> <div>Triggers</div>						
<pre> CREATE TABLE [SURGICALANDNON-SURGICAL SUPPLIES] ([Item Number] STRING PRIMARY KEY UNIQUE NOT NULL, [Item Name] STRING NOT NULL, [Item Description] STRING NOT NULL, [Quantity in Stocks] INTEGER NOT NULL, [Reorder Level] INTEGER NOT NULL, [Cost per Unit] DECIMAL NOT NULL); </pre>						

12. WARDREQUISITION



<div>            </div> <div>WELLMEADOWS</div> <div>Table name: WARDREQUISITION</div> <div><input type="checkbox"/> WITHOUT ROWID</div>										
	Name	Data type	Primary Key	Foreign Key	Unique	Check	Not NULL	Collate	Generated	
1	Requisition Number	STRING								NULL
2	Staff Name Placing the Requisition	STRING								NULL
3	Ward Number	INTEGER								NULL
4	Ward Name	STRING								NULL
5	Item or Drug Number	STRING								NULL
6	Item or Drug Name	STRING								NULL
7	Description	STRING								NULL
8	Dosage (For Drugs ONLY)	INTEGER								NULL
9	Method of Administration (For Drugs ONLY)	STRING								NULL
10	Cost per Unit	INTEGER								NULL
11	Quantity Required	INTEGER								NULL
12	Date Ordered	DATE								NULL

Filter data							Total rows loaded: 10
	Requisition	Staff Name Placing	Ward Num	Ward Name	Item or Dr.	Item or Drug Nam	Description
1	RQ513	Charissa Payne	11	Cardiology	10225	Morphine	Pain Killer.
2	RQ516	Carol Cummings	1	Accident and Emergency (A&E)	NS306	Blade	It is a small and extremely sharp bladed instrument used for surgery.
3	RQ521	Robin Flevin	7	Maternity Departments	SS318	Surgical Mask	Disposable device that creates a physical barrier between the mouth and nose of the wearer.
4	RQ527	Amy O'Donnell	4	Occupational Therapy	SS325	Syringe	Device that is used to inject fluid into, or withdraw fluid from, the body.
5	RQ528	Robin Flevin	8	Sexual Health (Genitourinary Medicine)	NS341	Scales	To measure the weight/Mass of the Patients or the obejcts.
6	RQ533	Charissa Payne	14	General Surgery	28123	Acetaminophen	Pain Killer
7	RQ535	Charissa Payne	9	Ear Nose and Throat (ENT)	SS331	Gauze	Translucent fabric with a loose open weave.
8	RQ541	Amy O'Donnell	12	Nutrition and Dietetics	50281	Tolbutamide	Diabetes
9	RQ543	Robin Flevin	3	Physiotherapy	40271	Cetirizine	Allergies
10	RQ556	Morgan Russel	5	Elderly Services Department	NS335	Wheel Chair	Used for injured patients.

Dosage (For	Method of	Cost per U	Quantity R	Date Ordered
10mg	IV	7.14	20	Jul-14-2004
NULL	NULL	3.95	12	Sep-28-2004
NULL	NULL	0.5	50	May-13-2001
NULL	NULL	1.25	20	Nov-29-2002
NULL	NULL	4.99	8	Apr-25-2005
50mg	Oral	9	25	Jul-04-2004
NULL	NULL	1.25	20	Oct-31-2003
50mg	IV	21.82	25	Apr-10-2000
80mg	Oral	11.21	30	Feb-10-2002
NULL	NULL	12.2	5	Aug-09-2003

Structure	Data	Constraints	Indexes	Triggers	DDL
<pre> CREATE TABLE WARDREQUISITION ([Requisition Number] STRING PRIMARY KEY UNIQUE NOT NULL, [Staff Name Placing the Requisition] STRING NOT NULL, [Ward Number] INTEGER REFERENCES WARDS ([Ward Number]) NOT NULL, [Ward Name] STRING NOT NULL, [Item or Drug Number] STRING NOT NULL, [Item or Drug Name] STRING NOT NULL, Description STRING NOT NULL, [Dosage (For Drugs ONLY)] INTEGER, [Method of Administration (For Drugs ONLY)] STRING, [Cost per Unit] INTEGER NOT NULL, [Quantity Required] INTEGER NOT NULL, [Date Ordered] DATE NOT NULL); </pre>					

13. WARDS

  Total rows loaded: 8

Type of Qualification	Name of Institution	Name of the Organization	Position	Start Date	Finish Date	Employment	Number of	Salary Pay
BSb Nursing Studies	Rose Field Medical University	Eastern Hospital	Nurse	Oct-19-1999	Feb-15-2001	Permanent	58.5	Weekly
BSa Nursing Studies	Edinburgh University	Everlife Hospital	Personel Officer	Sep-05-1996	Jan-29-1998	Permanent	45.5	Monthly
BSb Nursing Studies	Rose Field Medical University	New Hope Hospital	Staff Nurse	Oct-06-1995	Feb-18-1998	Temporary	58.5	Monthly
BSc Nursing Studies	Broxburn University	Western Hospital	Junior Nurse	Feb-13-1998	Nov-15-1998	Permanent	56.5	Weekly
BSb Nursing Studies	Broxburn University	New Hope Hospital	Staff Nurse	Sep-24-1989	Dec-31-1999	Permanent	50.5	Weekly
BSc Nursing Studies	Edinburgh University	Western Hospital	Staff Nurse	Jan-23-1990	May-01-1993	Permanent	37.5	Monthly
BSb Nursing Studies	Rose Field Medical University	Eastern Hospital	Consultant	May-18-1987	Aug-04-1994	Temporary	35.5	Monthly
BSb Nursing Studies	Rose Field Medical University	Eastern Hospital	Consultant	Mar-11-1992	Jan-29-1999	Temporary	35.5	Monthly

C. Staff Each Ward

```
1 select [Ward Number], [Staff Number]
2 FROM WARDS
```

Grid view

Form view

     1 

	Ward Number	Staff Number
1	1	5301
2	2	5256
3	3	5167
4	4	5448
5	5	5344
6	6	5123
7	7	5234
8	8	5448
9	9	5096
10	10	5167
11	11	5256
12	12	5344
13	13	5362
14	14	5256
15	15	5123
16	16	5234
17	17	5301

D. Patient referred to the Hospital

```
1 select *
2 FROM INPATIENT
3 WHERE [Date placed in the Ward] is not Null
```

1

Total rows loaded: 3

	Patient Nur	First Name	Last Name	Address	Telephone	Date of Birth	Sex	Marital Stat	NoK Number	Date placed in	Ward Num	Expected C	Date placed in	Date expected
1	14031	Landon	Garnet	7 Apple Drive Edinburgh	0131-767-5787	Apr-29-1979	Male	Married	NK14031	Jun-07-2006	17	20	Jun-07-2006	Jun-27-2006
2	14266	Chantelle	Pollock	62 Old Hills Edinburgh	0131-494-2368	Jun-28-1984	Female	Single	NK14266	Jan-03-2001	1	18	Jan-03-2001	Jan-21-2001
3	14392	Patty	Alvin	22a Royal Road Broxburn	0131-124-5789	Febr-23-1970	Female	Married	NK14392	May-08-2000	5	8	May-08-2000	May-16-2000

Actual Date Tr	Bed Number
Jul-02-2006	8
Jan-25-2001	14
May-17-2000	3

E. Outpatient

```
1 select *
2 FROM Outpatient
```

Grid view Form view

1

Total rows loaded: 5

	Patient Nur	First Name	Last Name	Address	Telephone	Date of Birth	Sex	Date of the Ap	Time of Ap
1	14130	Silvester	Crisp	5 Grace Corner Broxburn	0131-121-2974	Sep-08-1975	Male	Dec-31-2005	11:00
2	14293	Foster	Jefferson	56 High Street Edinburgh	0131-160-0002	Sep-24-1965	Male	Oct-09-2010	9:30
3	14378	Micheal	Lindsey	33 Apple Drive Extn. Edinburgh	0131-111-5711	Jan-10-1968	Male	Oct-28-2007	10:45
4	14443	Corrine	Ayers	39 Westview Hills Broxburn	0131-456-1009	Mar-31-1970	Female	May-01-2010	9:15
5	14504	Cash	Draper	4 Westview Hills Broxburn	0131-137-2443	Aug-20-1985	Male	Sep-10-2001	10:30

F. Referred to the Out-Patient

```
1 select *
2 FROM OUTPATIENT
```

Grid view Form view

1

Total rows loaded: 5

	Patient Nur	First Name	Last Name	Address	Telephone	Date of Birth	Sex	Date of the Ap	Time of Ap
1	14130	Silvester	Crisp	5 Grace Corner Broxburn	0131-121-2974	Sep-08-1975	Male	Dec-31-2005	11:00
2	14293	Foster	Jefferson	56 High Street Edinburgh	0131-160-0002	Sep-24-1965	Male	Oct-09-2010	9:30
3	14378	Micheal	Lindsey	33 Apple Drive Extn. Edinburgh	0131-111-5711	Jan-10-1968	Male	Oct-28-2007	10:45
4	14443	Corrine	Ayers	39 Westview Hills Broxburn	0131-456-1009	Mar-31-1970	Female	May-01-2010	9:15
5	14504	Cash	Draper	4 Westview Hills Broxburn	0131-137-2443	Aug-20-1985	Male	Sep-10-2001	10:30

G. Patient(s) Referred to Ward 17

```
1 select *
2 from INPATIENT
3 where [Ward Number]="17"
```

Total rows loaded: 1

	Patient Nur	First Name	Last Name	Address	Telephone	Date of Birth	Sex	Marital Stat	NoK Numbe	Date placed c	Ward Num	Expected C	Date placed ii	Date expecte	Actual
1	14031	Landon	Garnet	7 Apple Drive Edinburgh	0131-767-5787	Apr-29-1979	Male	Married	NK14031	Jun-07-2006	17	20	Jun-07-2006	Jun-27-2006	Jul-02

H. Elderly Services Department

```
1 select *
2 from INPATIENT
3 where INPATIENT."Ward Number" = "5"
```

	Patient Nur	First Name	Last Name	Address	Telephone	Date of Birth	Sex	Marital Stat	NoK Numbe	Date placed or	Ward Num	Expected C	Date placed in	Date expect
1	14311	Lyda	McCrae	11 Cornfield Corner Broxburn	0131-024-1946	Sep-06-1969	Female	Married	NK14311	Mar-26-2007	5	9	NULL	NULL
2	14392	Patty	Alvin	22a Royal Road Broxburn	0131-124-5789	Febr-23-1970	Female	Married	NK14392	May-08-2000	5	8	May-08-2000	May-16-2000

I. Patients on the Waiting List on Ward 4

```
1 select *
2 from INPATIENT
3 where [Ward Number] = 5 and [Date placed in the Ward] is NULL
```

Total rows loaded: 1

	Patient Nur	First Name	Last Name	Address	Telephone	Date of Birth	Sex	Marital Stat	NoK Numbe	Date placed o	Ward Num	Expected C	Date place	Date exper	Actu
1	14311	Lyda	McCrae	11 Cornfield Corner Broxburn	0131-024-1946	Sep-06-1969	Female	Married	NK14311	Mar-26-2007	5	9	NULL	NULL	NA

J. Medications given to Corrine Ayers

```
1 select *
2 from PATIENTMEDICATION
3 where [PATIENT Number] = 14443
```

Total rows loaded: 1

	Patient Nur	Patient Name	Drug Numb	Drug Name	Units per D	Method of	Start Date	Finish Date
1	14443	Corrine Ayers	28123	Acetaminophen	8	Oral	May-04-2010	May-15-2010

K. Medications given to Corrine Ayers

```
1 select *
2 from PATIENTMEDICATION
3 where [PATIENT Number] = 14443
```

Total rows loaded: 1

	Patient Nur	Patient Name	Drug Numb	Drug Name	Units per D	Method of	Start Date	Finish Date
1	14443	Corrine Ayers	28123	Acetaminophen	8	Oral	May-04-2010	May-15-2010

L. Suppliers of Well Meadows Hospital

```
1 SELECT *
2 FROM SUPPLIERS
```

					1				Total rows loaded: 5
	Supplier Number	Supplier Name	Address	Telephone	Fax Number				
1	18543	Sun Pharmaceutical	32 Princess Street Andrews	0141-4724-218	161-999-1201				
2	28159	Lupin Medical Supplies Depot.	104 Central Park Glasgow	0121-2842-219	212-997-8091				
3	39721	Sandoz Pharmaceutical	219 Cone Road Edinburgh	0131-2814-281	199-222-2353				
4	42914	Mylan MV Pharmaceutical	102 Devotion Corner Broxburn	0131-4281-242	161-349-8888				
5	52814	St. Joseph Medical Supplies Depot	201 Delaware Avenue Aberdeen	0111-2914-121	214-421-5392				

M. Supply requisitions for wards 1- 10

```
1 SELECT *
2 FROM WARDREQUISITION
3 WHERE [WARD NUMBER] BETWEEN 1 and 8
```

1

Total rows loaded: 6

	Requisition	Staff Name	Placing	Ward Num	Ward Name	Item or Dr.	Item or Drug N.	Description
1	RQ516	Carol Cummings		1	Accident and Emergency (A&E)	NS306	Blade	It is a small and extremely sharp bladed instrument used for surgery.
2	RQ521	Robin Flevin		7	Maternity Departments	SS318	Surgical Mask	Disposable device that creates a physical barrier between the mouth and nose of the
3	RQ527	Amy O'Donnell		4	Occupational Therapy	SS325	Syringe	Device that is used to inject fluid into, or withdraw fluid from, the body.
4	RQ528	Robin Flevin		8	Sexual Health (Genitourinary Medicine)	NS341	Scales	To measure the weight/Mass of the Patients or the obejcts.
5	RQ543	Robin Flevin		3	Physiotherapy	40271	Cetirizine	Allergies
6	RQ556	Morgan Russel		5	Elderly Services Department	NS335	Wheel Chair	Used for injured patients.

N. Supply requisitions for wards 10 – 17

```
1 SELECT *
2 FROM WARDREQUISITION
3 WHERE [WARD NUMBER] BETWEEN 9 and 17
```

<div><div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div></div></div></div>													
--	--	--	--	--	--	--	--	--	--	--	--	--	--