

-- Chapter 3B

-- Alter commands

ALTER TABLE Crimes

MODIFY (Classification DEFAULT 'U');

ALTER TABLE Crimes

ADD Date\_recorded DATE DEFAULT SYSDATE;

-- 12 characters is the length of a Canadian pager number excluding spaces

ALTER TABLE Prob\_officers

ADD Pager# CHAR(12);

ALTER TABLE Aliases

MODIFY ("Alias" VARCHAR(20));

-- For testing purposes ...

DESC Criminals;

DESC Aliases;

DESC Crimes;

DESC Sentences;

DESC Prob\_officers;

DESC Crime\_charges;

DESC Crime\_officers;

DESC Officers;

DESC Appeals;

DESC Crime\_codes;

/\*

Modified CREATE TABLE commands that change what was  
asked to be changed in section B.

```
CREATE TABLE Criminals
(Criminal_ID NUMBER(6, 0),
"Last" VARCHAR(15),
"First" VARCHAR(10),
Street VARCHAR(30),
City VARCHAR(20),
"State" CHAR(2),
Zip CHAR(5),
Phone CHAR(10),
V_status CHAR(1) DEFAULT 'N',
P_status CHAR(1) DEFAULT 'N');
```

```
CREATE TABLE Aliases
(Alias_ID NUMBER(6),
Criminal_ID NUMBER(6, 0),
"Alias" VARCHAR(20)); <---
```

```
CREATE TABLE Crimes
(Crime_ID NUMBER(9, 0),
Criminal_ID NUMBER(6, 0),
Classification CHAR(1) DEFAULT 'U', <---
Date_charged DATE,
```

```
Status CHAR(2),  
Hearing_date DATE,  
Date_recorded DATE DEFAULT SYSDATE); <---  
  
-- Appeal_cut_date -> did not place this column in here as I was not sure  
-- how to create a computed column from an already existing column. This  
-- column is created in the chapter 4 sql file.
```

#### CREATE TABLE Sentences

```
(Sentence_ID NUMBER(6),  
Criminal_ID NUMBER(6),  
"Type" CHAR(1),  
Prob_ID NUMBER(5),  
Start_date DATE,  
End_date DATE,  
Violations Number(3));
```

#### CREATE TABLE Prob\_officers

```
(Prob_ID NUMBER(5),  
"Last" VARCHAR(15),  
"First" VARCHAR(10),  
Street VARCHAR(30),  
City VARCHAR(20),  
"State" CHAR(2),  
Zip CHAR(5),  
Phone CHAR(10),  
Email VARCHAR(30),  
Status CHAR(1)  
Pager# CHAR(12)); <---
```

```
CREATE TABLE Crime_charges
(Charge_ID NUMBER(10, 0),
Crime_ID NUMBER(9, 0),
Crime_code NUMBER(3, 0),
Charge_status CHAR(2),
Fine_amount NUMBER(7, 2),
Court_fee NUMBER(7, 2),
Amount_fee NUMBER(7, 2),
Pay_due_date DATE);
```

```
CREATE TABLE Crime_officers
(Crime_ID NUMBER(9, 0),
Officer_ID NUMBER(8, 0));
```

```
CREATE TABLE Officers
(Officer_ID NUMBER(8, 0),
"Last" VARCHAR(15),
"First" VARCHAR(10),
Precinct CHAR(4),
Badge VARCHAR(14),
Phone CHAR(10),
Status CHAR(1) DEFAULT 'A');
```

```
CREATE TABLE Appeals
(Appeal_ID NUMBER(5),
Crime_ID NUMBER(9, 0),
Filing_date DATE,
Hearing_date DATE,
```

```
Status CHAR(1) DEFAULT 'P');
```

```
CREATE TABLE Crime_codes
```

```
(Crime_code NUMBER(3, 0),
```

```
Code_description VARCHAR(30));
```

```
*/
```