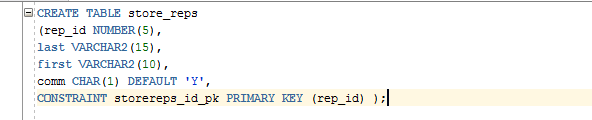
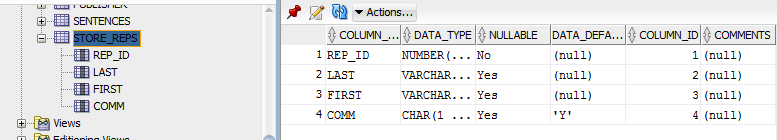
Hands-on chapter 4

1.

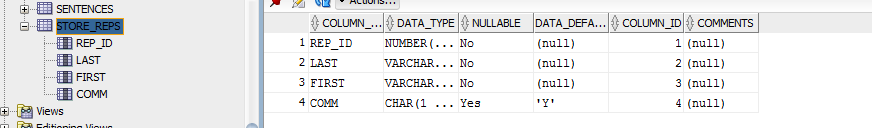






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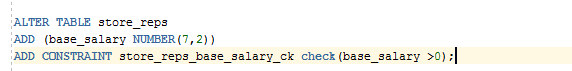


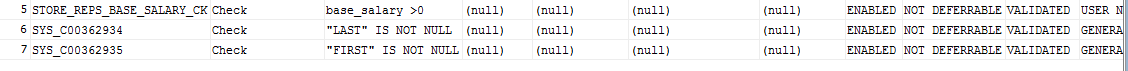
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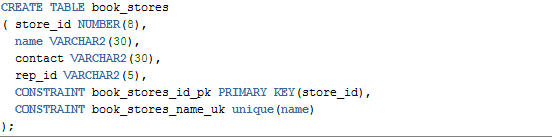


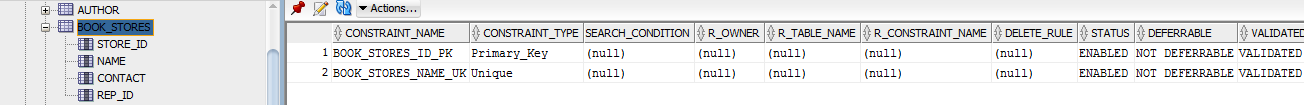
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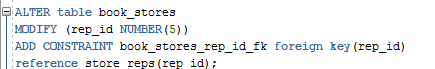


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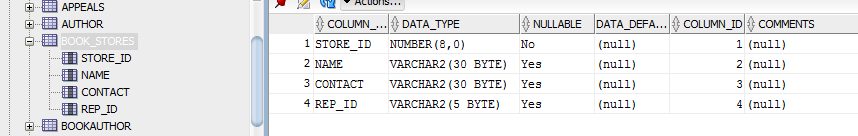




6.





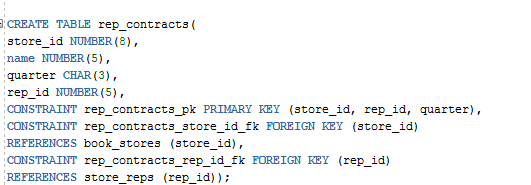


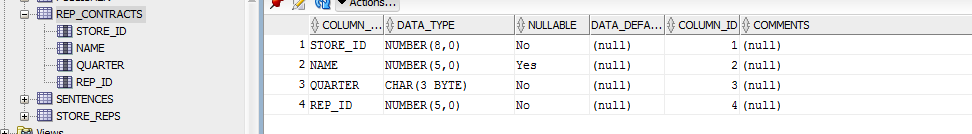
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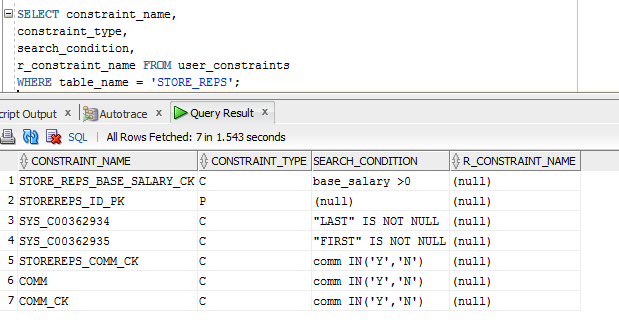


8.



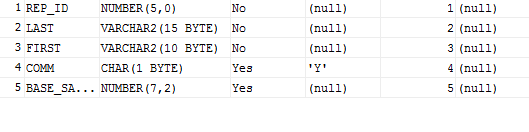


9.



10.





All code

CREATE TABLE store\_reps

(rep\_id NUMBER(5),

last VARCHAR2(15),

first VARCHAR2(10),

comm CHAR(1) DEFAULT 'Y',

CONSTRAINT storereps\_id\_pk PRIMARY KEY (rep\_id) );

ALTER TABLE store\_reps

MODIFY ( last NOT NULL ,

first NOT NULL );

ALTER TABLE store\_reps

ADD CONSTRAINT comm\_ck CHECK (comm IN('Y','N'));

ALTER TABLE store\_reps

ADD (base\_salary NUMBER(7,2))

ADD CONSTRAINT store\_reps\_base\_salary\_ck check(base\_salary >0);

CREATE TABLE book\_stores

( store\_id NUMBER(8),

name VARCHAR2(30),

contact VARCHAR2(30),

rep\_id VARCHAR2(5),

CONSTRAINT book\_stores\_id\_pk PRIMARY KEY(store\_id),

CONSTRAINT book\_stores\_name\_uk unique(name)

);

ALTER table book\_stores

MODIFY (rep\_id NUMBER(5))

ADD CONSTRAINT book\_stores\_rep\_id\_fk foreign key(rep\_id)

reference store\_reps(rep\_id);

ALTER table book\_stores

ADD CONSTRAINT book\_stores\_rep\_id\_fk foreign key(rep\_id)

reference store\_reps(rep\_id) on delete cascade;

CREATE TABLE rep\_contracts(

store\_id NUMBER(8),

name NUMBER(5),

quarter CHAR(3),

rep\_id NUMBER(5),

CONSTRAINT rep\_contracts\_pk PRIMARY KEY (store\_id, rep\_id, quarter),

CONSTRAINT rep\_contracts\_store\_id\_fk FOREIGN KEY (store\_id)

REFERENCES book\_stores (store\_id),

CONSTRAINT rep\_contracts\_rep\_id\_fk FOREIGN KEY (rep\_id)

REFERENCES store\_reps (rep\_id));

SELECT constraint\_name,

constraint\_type,

search\_condition,

r\_constraint\_name FROM user\_constraints

WHERE table\_name = 'STORE\_REPS';

alter table store\_reps disable constraint store\_reps\_base\_salary\_ck;

alter table store\_reps enable constraint store\_reps\_base\_salary\_ck;