

Answer 1

```
CREATE TABLE child (  
    ChildID varchar2(10) NOT NULL,  
    ChildName varchar2(25),  
    CustomerID varchar2(10),  
    PRIMARY KEY (ChildID)  
);
```

```
INSERT INTO child  
VALUES ('C1001','Philip','A2001');  
INSERT INTO child  
VALUES ('C1002','Megan','A2001');  
INSERT INTO child  
VALUES ('C1003','Julie','A2110');  
INSERT INTO child  
VALUES ('C1004','Pierce','B1201');  
INSERT INTO child  
VALUES ('C1005','Johnny','B1201');
```

```
CREATE TABLE customer (  
    CustomerID varchar2(10) NOT NULL, CustomerName varchar2(25),  
    Phone varchar2(20),  
    Amount decimal(10,2),  
    Spouse varchar2(25),  
    PRIMARY KEY (CustomerID)  
);
```

```
INSERT INTO customer  
VALUES ('A2001','John Bingo','330-528-6273',5000.00,'Jenny');  
INSERT INTO customer  
VALUES ('A2002','Philip Cusack','330-672-5432',7500.00,'');  
INSERT INTO customer  
VALUES ('A2004','Charles Dominic','330-654-0980',25000.00,'');  
INSERT INTO customer  
VALUES ('A2005','Chick Eduardo','440-752-6542',150000.00,'Bella');  
INSERT INTO customer  
VALUES ('A2110','Will Hanks','818-223-7809',2200000.00,'Lily');  
INSERT INTO customer  
VALUES ('A2117','Bruce Willis','828-457-1234',990000.00,'');  
INSERT INTO customer  
VALUES ('A2120','Remo Williams','425-217-5473',750000.00,'');  
INSERT INTO customer  
VALUES ('B1201','John Wit','312-765-9087',450000.00,'Lisa');  
INSERT INTO customer  
VALUES ('B1221','Tom Zack','330-298-1891',550000.00,'');
```

ALTER table child

ADD foreign KEY (customerid) REFERENCES customer (customerid);

Answer 2

Recently Created Tables
TRIP_GUIDES
TRIP
RESERVATION
CUSTOMER
GUIDE

Fig. 2 Colonial Adventures Tour Database Table Imported.

Answer 3

1.

1	SELECT LAST_NAME, STATE
2	FROM GUIDE
3	WHERE STATE NOT IN ('MA');

Results	Explain	Describe	Saved SQL	History
---------	---------	----------	-----------	---------

LAST_NAME	STATE
Kelly	NH
Gregory	NH
Stevens	VT
Boyers	NH
Kiley	NH
Rowan	ME
Unser	CT



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Fig. 3.1 Last_Name and State of Guides

"LAST_NAME","STATE"

"Kelly","NH"

"Gregory","NH"

"Stevens","VT"

"Boyers","NH"

"Kiley","NH"

"Rowan","ME"

"Unser","CT"

The last names of guide that do not live in Massachusetts include;

- a) Kelly
- b) Gregory
- c) Stevens
- d) Boyers
- e) Kiley
- f) Rowan
- g) Unser

2.

1	SELECT TRIP_NAME, TYPE
2	FROM TRIP
3	WHERE TYPE = 'Biking' ;

Results	Explain	Describe	Saved SQL	History
---------	---------	----------	-----------	---------

TRIP_NAME	TYPE
Cadillac Mountain Ride	Biking
Mount Battie Ride	Biking
Sawyer River Ride	Biking
Park Loop Ride	Biking
Westfield River Loop	Biking
Pisgah STATE Park Ride	Biking
Pondicherry Trail Ride	Biking




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Fig. 2.2 Trip name and Type from Trip table.

"TRIP_NAME", "TYPE"

"Cadillac Mountain Ride", "Biking"

"Mount Battie Ride", "Biking"

"Sawyer River Ride", "Biking"

"Park Loop Ride", "Biking"

"Westfield River Loop", "Biking"

"Pisgah STATE Park Ride", "Biking"

"Pondicherry Trail Ride", "Biking"

"Bradbury Mountain Ride", "Biking"

The trip name of each trip that has the type Biking include;

- a) Cadillac Mountain Ride
- b) Mount Battie Ride
- c) Park Loop Ride
- d) Sawyer River Ride
- e) Westfield River Loop
- f) Pisgah STATE Park Ride
- g) Pondicherry Trail Ride
- h) Bradbury Mountain Ride

3.

```
1 SELECT TRIP_NAME, SEASON
2 FROM TRIP
3 WHERE SEASON = 'Summer' ;
```

Results	Explain	Describe	Saved SQL	History
TRIP_NAME		SEASON		
Crawford Path Presidentials Hike		Summer		
Big Rock Cave		Summer		
Long Pond		Summer		
Long Pond Tour		Summer		
Mt Adams		Summer		
Missisquoi River - VT		Summer		

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Fig. 3.3 Trip name and season from Trip Table.

"TRIP_NAME","SEASON"
 "Crawford Path Presidentials Hike","Summer"
 "Big Rock Cave","Summer"
 "Long Pond","Summer"
 "Long Pond Tour","Summer"
 "Mt Adams ","Summer"
 "Missisquoi River - VT","Summer"
 "Chocorua Lake Tour","Summer"
 "McLennan Reservation Hike","Summer"
 "Northern Forest Canoe Trail","Summer"
 "Pisgah STATE Park Ride","Summer"
 "Welch and Dickey Mountains Hike","Summer"
 "Black Pond","Summer"
 "Mt. Cardigan - Firescrew","Summer"

The trip name of each trip that has the season Summer include;

- Crawford Path Presidentials Hike
- Big Rock Cave
- Long Pond
- Long Pond Tour
- Mt Adams
- Missisquoi River – VT
- Chocorua Lake Tour

- h) McLennan Reservation Hike
- i) Northern Forest Canoe Trail
- j) Pisgah STATE Park Ride
- k) Welch and Dickey Mountains Hike
- l) Black Pond
- m) Mt. Cardigan – Firescrew

4.

```
1 SELECT TRIP_NAME, TYPE, DISTANCE
2 FROM TRIP
3 WHERE TYPE = 'Hiking'
4 AND DISTANCE > 10 ;
```

Results

Explain

Describe

Saved SQL

History

TRIP_NAME	TYPE	DISTANCE
Crawford Path Presidentials Hike	Hiking	16

1 rows returned in 0.00 seconds

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Fig. 3.3 Trip name, type and distance from trip table

"TRIP_NAME", "TYPE", "DISTANCE"

"Crawford Path Presidentials Hike", "Hiking", "16"

The trip name of each trip that has the type Hiking and distance longer than 10 miles include;

- a) Crawford Path Presidentials Hike