**Chapter 6 Practical Exercise**

**1.**

**CREATE TABLE PADDLING (**

**TRIP\_ID DECIMAL(3,0) NOT NULL PRIMARY KEY,**

**TRIP\_NAME CHAR(75),**

**STATE CHAR(2),**

**DISTANCE DECIMAL(4,0),**

**MAX\_GRP\_SIZE DECIMAL (4,0),**

**SEASON CHAR (20)**

**)**

Text

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**2.**

**INSERT INTO PADDLING**

**SELECT TRIP\_ID, TRIP\_NAME, STATE, DISTANCE, MAX\_GRP\_SIZE, SEASON FROM TRIP**

**WHERE TYPE = 'Paddling'**

Text

Description automatically generated with medium confidence

**3.**

**UPDATE PADDLING**

**SET MAX\_GRP\_SIZE = (MAX\_GRP\_SIZE + 2)**

**WHERE STATE = 'CT'**

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**4.**

**INSERT INTO PADDLING (TRIP\_ID, TRIP\_NAME, STATE, DISTANCE, MAX\_GRP\_SIZE, SEASON)**

**VALUES (43, 'Lake Champlain Tour', 'VT', 16, 12, 'Summer')**

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**5.**

**DELETE PADDLING**

**WHERE TRIP\_ID = 23**

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**6.**

**UPDATE PADDLING**

**SET DISTANCE = NULL**

**WHERE TRIP\_NAME = 'Pontook Reservoir Tour'**

Text

Description automatically generated with medium confidence

**7.**

**ALTER TABLE PADDLING**

**ADD DIFFICULTY\_LEVEL CHAR(3);**

**UPDATE PADDLING**

**SET DIFFICULTY\_LEVEL = 'MOD';**

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**8.**

**UPDATE PADDLING**

**SET DIFFICULTY\_LEVEL = 'HRD'**

**WHERE TRIP\_NAME = 'Lake Champlain Tour';**

Text

Description automatically generated

**9.**

**ALTER TABLE PADDLING**

**MODIFY SEASON CHAR(25);**

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**10.**

**ALTER TABLE PADDLING**

**MODIFY DIFFICULTY\_LEVEL CHAR(3) NOT NULL;**

A screenshot of a computer

Description automatically generated with low confidence

**11.**

**DROP TABLE PADDLING**

Text

Description automatically generated with medium confidence

**12.**

**CREATE TABLE PADDLING (**

**TRIP\_ID DECIMAL(3,0) NOT NULL PRIMARY KEY,**

**TRIP\_NAME VARCHAR(75),**

**STATE VARCHAR(2),**

**DISTANCE DECIMAL(4,0),**

**MAX\_GRP\_SIZE DECIMAL (4,0),**

**SEASON VARCHAR (20)**

**)**

Text

Description automatically generated

**REFERENCE:** [**https://www.w3schools.com/sql/sql\_datatypes.asp**](https://www.w3schools.com/sql/sql_datatypes.asp)