**Chapter 5 Practical Exercise**

**1.**

**SELECT A.RESERVATION\_ID, A.TRIP\_ID, A.CUSTOMER\_NUM, B.LAST\_NAME FROM RESERVATION A**

**JOIN CUSTOMER B ON A.CUSTOMER\_NUM = B.CUSTOMER\_NUM**

**ORDER BY B.LAST\_NAME;**

**RESULTS:**

|  |  |  |  |
| --- | --- | --- | --- |
| RESERVATION\_ID | TRIP\_ID | CUSTOMER\_NUM | LAST\_NAME |
| 1600024 | 38 | 121 | Bretton-Borak |
| 1600016 | 11 | 121 | Bretton-Borak |
| 1600018 | 38 | 126 | Brown |
| 1600026 | 12 | 126 | Brown |
| 1600020 | 28 | 124 | Busa |
| 1600019 | 25 | 124 | Busa |
| 1600009 | 38 | 109 | Caron |
| 1600022 | 21 | 119 | Chau |
| 1600014 | 12 | 119 | Chau |
| 1600029 | 4 | 120 | Gernowski |
| 1600015 | 10 | 120 | Gernowski |
| 1600004 | 26 | 104 | Goff |
| 1600030 | 15 | 104 | Goff |
| 1600017 | 39 | 122 | Hefferson |
| 1600021 | 32 | 112 | Jones |
| 1600003 | 28 | 103 | Kasuma |
| 1600007 | 22 | 107 | Marchand |
| 1600005 | 39 | 105 | McLean |
| 1600006 | 32 | 106 | Morontoia |
| 1600013 | 8 | 116 | Murakami |
| 1600002 | 21 | 101 | Northfold |
| 1600001 | 40 | 101 | Northfold |
| 1600010 | 2 | 102 | Ocean |
| 1600011 | 3 | 102 | Ocean |
| 1600025 | 38 | 125 | Peterson |
| 1600008 | 28 | 108 | Rulf |
| 1600012 | 1 | 115 | Vaccari |

**3.**

**SELECT TRIP\_NAME FROM TRIP A**

**JOIN TRIP\_GUIDES B ON A.TRIP\_ID = B.TRIP\_ID**

**JOIN GUIDE C ON B.GUIDE\_NUM = C.GUIDE\_NUM**

**WHERE C.FIRST\_NAME = 'Miles'**

**AND C.LAST\_NAME = 'Abrams'**

**RESULTS:**

|  |
| --- |
| TRIP\_NAME |
| Mt Ascutney - North Peak |
| Long Pond |
| McLennan Reservation Hike |

**5.**

**SELECT B.LAST\_NAME, C.TRIP\_NAME, C.START\_LOCATION FROM RESERVATION A**

**JOIN CUSTOMER B ON A.CUSTOMER\_NUM = B.CUSTOMER\_NUM**

**JOIN TRIP C ON A.TRIP\_ID = C.TRIP\_ID**

**WHERE TRIP\_DATE = '07-23-2016';**

**RESULTS:**

|  |  |  |
| --- | --- | --- |
| LAST\_NAME | TRIP\_NAME | START\_LOCATION |
| Gernowski | Mt. Cardigan - Firescrew | Orange |
| Bretton-Borak | Chocorua Lake Tour | Tamworth |

**7.**

**SELECT RESERVATION\_ID, RESERVATION.TRIP\_ID, TRIP\_DATE**

**FROM RESERVATION**

**WHERE EXISTS (**

**SELECT \* FROM TRIP WHERE RESERVATION.TRIP\_ID = TRIP.TRIP\_ID**

**AND STATE = 'ME');**

**RESULTS:**

|  |  |  |
| --- | --- | --- |
| RESERVATION\_ID | TRIP\_ID | TRIP\_DATE |
| 1600007 | 22 | 7/9/2016 |
| 1600014 | 12 | 10/1/2016 |
| 1600019 | 25 | 8/29/2016 |
| 1600026 | 12 | 10/1/2016 |
| 1600029 | 4 | 9/19/2016 |

**9.**

**SELECT C.LAST\_NAME, C.FIRST\_NAME FROM TRIP A**

**JOIN TRIP\_GUIDES B ON A.TRIP\_ID = B.TRIP\_ID**

**JOIN GUIDE C ON B.GUIDE\_NUM = C.GUIDE\_NUM**

**WHERE A.TYPE = 'Paddling';**

**RESULTS:**

|  |  |
| --- | --- |
| LAST\_NAME | FIRST\_NAME |
| Devon | Harley |
| Devon | Harley |
| Devon | Harley |
| Kiley | Susan |
| Kiley | Susan |
| Kiley | Susan |
| Stevens | Lori |
| Stevens | Lori |
| Stevens | Lori |
| Stevens | Lori |
| Unser | Glory |
| Unser | Glory |

**11.**

**SELECT A.TRIP\_NAME FROM TRIP A**

**JOIN RESERVATION B ON A.TRIP\_ID = B.TRIP\_ID**

**WHERE A.TYPE = 'Hiking'**

**ORDER BY A.TRIP\_NAME ASC**

**RESULTS:**

|  |
| --- |
| TRIP\_NAME |
| Arethusa Falls |
| Black Pond |
| Crawford Path Presidentials Hike |
| Long Pond |
| Long Pond |
| Mount Cardigan Hike |
| Mount Garfield Hike |
| Mount Garfield Hike |
| Mount Garfield Hike |
| Mt Ascutney - North Peak |
| Mt Ascutney - West Peak |
| Mt. Cardigan - Firescrew |
| Wachusett Mountain |
| Welch and Dickey Mountains Hike |
| Welch and Dickey Mountains Hike |

**13.**

**SELECT B.CUSTOMER\_NUM, B.LAST\_NAME, B.FIRST\_NAME FROM RESERVATION A**

**JOIN CUSTOMER B ON A.CUSTOMER\_NUM = B.CUSTOMER\_NUM**

**WHERE B.STATE = 'NJ'**

**OR A.CUSTOMER\_NUM = B.CUSTOMER\_NUM**

**OR (B.STATE = 'NJ'**

**AND A.CUSTOMER\_NUM = B.CUSTOMER\_NUM)**

**GROUP BY B.CUSTOMER\_NUM, B.LAST\_NAME, B.FIRST\_NAME;**

**RESULTS:**

|  |  |  |
| --- | --- | --- |
| CUSTOMER\_NUM | LAST\_NAME | FIRST\_NAME |
| 102 | Ocean | Arnold |
| 109 | Caron | Jean Luc |
| 124 | Busa | Karen |
| 112 | Jones | Laura |
| 105 | McLean | Kyle |
| 115 | Vaccari | Adam |
| 108 | Rulf | Uschi |
| 125 | Peterson | Becca |
| 121 | Bretton-Borak | Siam |
| 122 | Hefferson | Orlagh |
| 126 | Brown | Brianne |
| 103 | Kasuma | Sujata |
| 104 | Goff | Ryan |
| 107 | Marchand | Quinn |
| 101 | Northfold | Liam |
| 106 | Morontoia | Joseph |
| 119 | Chau | Clement |
| 116 | Murakami | Iris |
| 120 | Gernowski | Sadie |

**15.**

**SELECT A.TRIP\_ID, A.TRIP\_NAME FROM TRIP A**

**WHERE A.MAX\_GRP\_SIZE > (SELECT MIN(MAX\_GRP\_SIZE) AS MIN\_SIZE FROM TRIP WHERE TYPE = 'Biking');**

**RESULTS:**

|  |  |
| --- | --- |
| TRIP\_ID | TRIP\_NAME |
| 1 | Arethusa Falls |
| 3 | Mt Ascutney - West Peak |
| 5 | Baldpate Mountain |
| 8 | Black Pond |
| 9 | Big Rock Cave |
| 11 | Chocorua Lake Tour |
| 12 | Cadillac Mountain Ride |
| 16 | Cherry Pond |
| 17 | Huguenot Head Hike |
| 20 | Lake Mephremagog Tour |
| 21 | Long Pond |
| 22 | Long Pond Tour |
| 23 | Lower Pond Tour |
| 26 | Mount Cardigan Hike |
| 27 | Mt. Chocorua |
| 28 | Mount Garfield Hike |
| 29 | Metacomet-Monadnock Trail Hike |
| 30 | McLennan Reservation Hike |
| 31 | Missisquoi River - VT |
| 32 | Northern Forest Canoe Trail |
| 34 | Pontook Reservoir Tour |
| 35 | Pisgah STATE Park Ride |
| 36 | Pondicherry Trail Ride |
| 37 | Seal Beach Harbor |
| 38 | Sawyer River Ride |
| 39 | Welch and Dickey Mountains Hike |
| 41 | Westfield River Loop |