

Example 1

- Find the names of all customers who went on some slope (on any day).

```
Select Distinct C.cname  
From Customers C, Activities A  
Where C.cid = A.cid;
```

Example 2 • Find the names of all customers who went on some slope on 01/07/13.

```
Select Distinct C.cname  
From Customers C, Activities A  
Where C.cid = A.cid and A.day = '01/07/13';
```

Example 3 • Find the names of customers who did not go on any slope on 01/07/13.

```
Select Distinct C.cname  
From Customers C, Activities A  
Where C.cid = A.cid and C.cname NOT IN (Select Distinct C.cname  
From Customers C, Activities A  
Where C.cid = A.cid and A.day = '01/07/13');
```

Example 4 • Find the names of all customers who went on the slope “Olympic Lady” on 01/07/13.

```
Select Distinct C.cname  
From Customers C, Activities A, Slopes S  
Where C.cid = A.cid and A.slopeid = S.slopeid and A.day = '01/07/13'  
and S.name = 'Olimpic Lady';
```

Example 5 • Determine the colors of all slopes that Cho went on

Select Distinct S.color
From Customers C, Activities A, Slopes S
Where C.cid = A.cid and A.slopeid = S.slopeid and C.cname = 'Cho';

Example 6 • Find the names of all customers who are skiers and whose age is greater than every snowboarder

Select C.cname
From Customers C
Where C.type = 'ski' and C.age > All (Select C.age
From Customers C
Where C.type = 'snowboard');

Example 7 • Find the names of all customers who are skiers and whose age is greater than some snowboarder.

Select C.cname
From Customers C
Where C.type = 'ski' and C.age > Some (Select C.age
From Customers C
Where C.type = 'snowboard');

Example 8 • Find the minimum, maximum, and average age of the customers

Select Min(C.age), Max(c.age), Avg(C.age)
From Customers C;

Example 9 • Find the minimum, maximum, and average age of the snowboarders.

```
Select Min(C.age), Max(c.age), Avg(C.age)  
From Customers C  
Where C.type = 'snowboard';
```