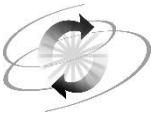

## Solution

**SP4R03s05.sas**

Use the **Cars** data set in the **SP4R** library to complete this exercise.

**1. Creating and Row-Binding Data Tables**

**a.** Create a new data table called **sports**, which has only three columns from the **Cars** data set: **make**, **type**, and **msrp**. In addition, keep only those observations where **type** is equal to *sports* and **msrp** is greater than *$100,000*.

```
data sp4r.sports(keep= make type msrp);
   set sp4r.cars;
   where type='Sports' and msrp>100000;
run;
```

**b.** Create another data table called **suv**, which has the same three columns. In addition, keep only those observations where **type** is equal to *suv* and **msrp** is greater than *$60,000*.

```
data sp4r.suv(keep= make type msrp);
   set sp4r.cars;
   where type='SUV' and msrp>60000;
run;
```

**c.** Create a new data table called **expensive** by row-binding **sports** and **suv**. Then print **expensive** to see the results.

```
data sp4r.expensive;
   set sp4r.sports sp4r.suv;
run;

proc print data= sp4r.expesnive;
run;
```

| Obs | Make | Type | MSRP |
|---|---|---|---|
| 1 | Mercedes-Benz | Sports | $121,770 |
| 2 | Mercedes-Benz | Sports | $126,670 |
| 3 | Porsche | Sports | $192,465 |
| 4 | Land Rover | SUV | $72,250 |
| 5 | Lexus | SUV | $64,800 |
| 6 | Mercedes-Benz | SUV | $76,870 |