```sas
data emp_US emp_AU;
    set cr.employee(keep=EmpID Name JobTitle Salary Department
                         Country TermDate);
    where TermDate=.;
    Country=upcase(country);
    if TermDate = .  and Country="US" then output emp_US;
    else output emp_AU;
run;

/* Programming Exercise-2 */
data alive(drop=DeathCause AgeAtDeath Status) dead(drop=Status);
    set sashelp.heart;
    if Status="Alive" then output alive;
    else if Status="Dead" then output dead;
run;


/* Programming Exercise-3 */
proc means data=cr.employee_current noprint;
    var Salary;
    class Department;
    output out=salary sum=TotalSalary;
    ways 1;
run;

data salaryforecast;
    set salary;
    format TotalSalary dollar12.;
    Year=1;
    TotalSalary=TotalSalary*1.03;
    output;
    Year=2;
    TotalSalary=TotalSalary*1.03;
    output;
    Year=3;
    TotalSalary=TotalSalary*1.03;
    output;
run;


/* Programming Exercise-4 */
proc sort data=sashelp.stocks out=stocks_sort;
    by Stock Date;
    where year(Date)=2005;
run;

data stocks_total;
    set stocks_sort;
    by Stock;
    if first.Stock then YTDVolume=0;

```

```
    YTDVolume+Volume;
    format YTDVolume comma15.;
run;

/* Programming Exercisse-5 */
proc sort data=sashelp.shoes out=highlow;
    by Product Sales;
run;

data highlow;
    length HighLow $ 4;
    set highlow;
    by Product;
    if first.product then do;
        HighLow="Low";
        output;
    end;
    if last.product then do;
        HighLow="High";
        output;
    end;
    keep Region Product HighLow Sales Subsidiary;
run;
```