# SAS ASSIGNMENT 13

# (Combining Data Sets Assignment)

Libname SasData "/courses/d649d56dba27fe300/STA5066";

/\* Question 1 \*/

proc contents data=Sasdata.price\_current;

run;

proc contents data=Sasdata.price\_new;

run;

data work.current;

set Sasdata.price\_current;

if missing(Factor) then Factor = .;

run;

data work.new;

set Sasdata.price\_new;

if missing(Factor) then Factor = .;

run;

proc contents data=work.current;

run;

proc contents data=work.new;

run;

proc append base=work.current data=work.new force;

run;

proc contents data=work.current;

run;

/\* Question 2 \*/

proc contents data=Sasdata.qtr1\_2007;

run;

proc contents data=Sasdata.qtr2\_2007;

run;

proc append base=work.ytd data=Sasdata.qtr1\_2007;

run;

proc contents data=work.ytd;

run;

proc append base=work.ytd data=Sasdata.qtr2\_2007 force;

run;

proc contents data=work.ytd;

run;

/\* Question 3 \*/

proc contents data=Sasdata.mnth7\_2007;

run;

proc contents data=Sasdata.mnth8\_2007;

run;

proc contents data=Sasdata.mnth9\_2007;

run;

data work.thirdqtr;

set Sasdata.mnth7\_2007 Sasdata.mnth8\_2007 Sasdata.mnth9\_2007;

run;

proc contents data=work.thirdqtr;

run;

/\* Question 4 need\*/

proc contents data=Sasdata.sales;

run;

proc contents data=Sasdata.nonsales;

run;

data work.allemployees;

set Sasdata.sales

Sasdata.nonsales(rename=(First=First\_Name));

retain Employee\_ID First\_Name Last\_Name Job\_Title Salary;

run;

proc print data=work.allemployees(obs=100);

run;

/\* Question 5 \*/

proc contents data=Sasdata.employee\_payroll;

run;

proc contents data=Sasdata.employee\_addresses;

run;

proc sort data=Sasdata.employee\_payroll out=work.payroll;

by Employee\_ID;

run;

proc sort data=Sasdata.employee\_addresses out=work.addresses;

by Employee\_ID;

run;

data work.payadd;

merge work.payroll work.addresses;

by Employee\_ID;

run;

proc contents data=work.payadd;

run;

/\* Question 6 \*/

proc sort data=Sasdata.employee\_addresses out=work.addresses;

by Employee\_ID;

run;

proc sort data=Sasdata.employee\_payroll out=work.payroll;

by Employee\_ID;

run;

proc sort data=Sasdata.employee\_organization out=work.organization;

by Employee\_ID;

run;

proc contents data=work.addresses;

run;

proc contents data=work.payroll;

run;

proc contents data=work.organization;

run;

data work.payaddorg;

merge work.addresses work.payroll work.organization;

by Employee\_ID;

run;

proc print data=work.payaddorg;

run;

/\* Question 7 \*/

proc sort data=Sasdata.product\_list out=work.product;

by supplier\_id;

run;

proc sort data=Sasdata.supplier out=work.suppliersort;

by supplier\_id;

run;

data work.prodsup;

merge work.product (in=a) work.suppliersort (in=b);

by supplier\_id;

if a and not b;

run;

proc print data=work.prodsup;

run;

/\* Question 8 \*/

proc print data=Sasdata.lookup\_country;

run;

proc print data=Sasdata.customer;

run;

data work.customer;

length Country $2;

set Sasdata.customer;

run;

proc sort data=work.customer;

by Country;

run;

data work.lookup\_country;

length Country $2;

set Sasdata.lookup\_country(rename=(START=Country LABEL=Country\_Name));

run;

proc sort data=work.lookup\_country;

by Country;

run;

data work.allcustomer;

merge work.customer(in=a)

work.lookup\_country(in=b);

by Country;

if a;

run;

proc print data=work.allcustomer;

run;

/\* Question 9 \*/

proc sort data=Sasdata.labsub2 out=work.lab;

by SEQN;

run;

proc sort data=Sasdata.examsub2 out=work.exam;

by SEQN;

run;

data work.ExamOnly work.LabOnly work.LabAndExam;

merge work.exam(in=in\_exam) work.lab(in=in\_lab);

by SEQN;

if in\_exam and not in\_lab then output work.ExamOnly;

else if in\_lab and not in\_exam then output work.LabOnly;

else if in\_exam and in\_lab then output work.LabAndExam;

run;

proc contents data=work.ExamOnly;

run;

proc contents data=work.LabOnly;

run;

proc contents data=work.LabAndExam;

run;