# SAS ASSIGNMENT 08

# (**Reading Raw Data**)

/\* Question 1 \*/

filename newemps '/courses/d649d56dba27fe300/Data Sets/newemps.csv';

data work.newemps;

infile newemps dsd missover;

length LastName $18 FirstName $12 Title $25 Salary 8;

input LastName $ FirstName $ Title $ Salary;

run;

proc contents data=work.newemps;

run;

proc print data=work.newemps (OBS=7);

run;

/\* Question 2 \*/

filename donation '/courses/d649d56dba27fe300/Data Sets/donation.dat';

data work.Donation;

infile donation dlm='' missover;

length IDNum $6 Q1 Q2 Q3 Q4 8;

input IDNum $ Q1 Q2 Q3 Q4;

run;

proc contents data=work.Donation;

run;

proc print data=work.Donation (OBS=10);

run;

/\* Question 3 \*/

filename supplier '/courses/d649d56dba27fe300/Data Sets/supplier.dat';

data work.supplier;

infile supplier missover;

length ID $5 Name $30 Country $2;

input ID $ 1-5 Name $ 8-37 Country $ 40-41;

run;

proc contents data=work.supplier;

run;

proc print data=work.supplier (OBS=5);

run;

/\* Question 4 \*/

filename custca '/courses/d649d56dba27fe300/Data Sets/custca.csv';

data work.canada;

infile custca dsd dlm=',';

length First $20 Last $20 Gender $1 AgeGroup $12;

input First $ Last $ ID Gender $ BirthDate :ddmmyy10. Age AgeGroup $;

format BirthDate date9.;

run;

proc contents data=work.canada;

run;

proc print data=work.canada(obs=3);

run;

proc print data=work.canada(obs=3);

format BirthDate ddmmyy10.;

run;

/\* Question 5 \*/

filename sales1 '/courses/d649d56dba27fe300/Data Sets/sales1.dat';

data work.sales;

infile sales1 missover;

input

ID $1-6

FirstName $8-20

LastName $21-38

Gender $40

JobTitle $43-62

Salary dollar8.

Country $73-74

BirthDate :mmddyy10.

HireDate :mmddyy10.;

format Salary dollar8. BirthDate date9. HireDate date9.;

run;

proc contents data=work.sales;

run;

proc print data=work.sales (obs=6);

run;

proc print data=work.sales (obs=6);

format Salary dollar8. BirthDate mmddyy10. HireDate mmddyy10.;

run;

/\* Question 6 \*/

filename sales2 '/courses/d649d56dba27fe300/Data Sets/sales2.dat';

DATA work.staff2;

infile sales2 TRUNCOVER;

INPUT ID 1-6

FirstName $ 8-19

LastName $ 21-38;

INPUT JobTitle $ 1-20

HireDate :MMDDYY10.

Salary DOLLAR8.;

INPUT Gender $ 1

BirthDate :MMDDYY10.

Country $ 3-4;

FORMAT HireDate MMDDYY10. BirthDate MMDDYY10.;

RUN;

PROC PRINT DATA=work.staff2;

RUN;

PROC PRINT DATA=work.staff2(OBS=2);

FORMAT HireDate MMDDYY10. BirthDate MMDDYY10.;

RUN;

/\* Question 7 \*/

filename sales3 '/courses/d649d56dba27fe300/Data Sets/sales3.dat';

DATA work.sales;

infile sales3 TRUNCOVER;

INPUT ID 1-6

FirstName $ 8-19

LastName $ 21-38

Gender $ 40

JobTitle $ 43-62;

IF Country = "AU" THEN DO;

INPUT Salary DOLLAR8.

Country $ 10-11

BirthDate :DDMMYY10.

HireDate :DDMMYY10.;

END;

ELSE IF Country = "US" THEN DO;

INPUT Salary DOLLAR8.

Country $ 10-11

BirthDate :MMDDYY10.

HireDate :MMDDYY10.;

END;

FORMAT BirthDate DDMMYY10. HireDate DDMMYY10.;

RUN;

PROC CONTENTS DATA=work.sales;

RUN;

PROC PRINT DATA=work.sales(OBS=10);

WHERE Country = 'AU';

RUN;

PROC PRINT DATA=work.sales(OBS=15);

WHERE Country = 'US';

RUN;