C.
```
proc print data=WORK.DEMO(where=(sex='M'));
   where obs<=5;
run;
```

D.
```
proc sort data=WORK.DEMO out=out;
   by sex descending;
run;
proc print data= out (obs=5);
run;
```

Correct Answer: D

QUESTION 52
The following SAS program is submitted:

```
data WORK.DATE;
  X="01Jan1960"d;
run;
```

Which value does variable X contain?

A. the character value "01Jan1960"
B. the numeric value 0
C. the code contains a syntax error and does not execute.
D. the date value 01011960

Correct Answer: B

QUESTION 53
Given the following data set:

SUBJID	GENDER	AGE	TRT
4	M	63	3
4	M	63	1
5	F	72	4
1	F	45	1
3	M	57	2
2	F	39	1
3	M	57	2

The following output data set was produced

SUBJID	GENDER	AGE	TRT
3	M	57	1
3	M	57	1
4	M	63	2
4	M	63	0
5	F	72	3

Which SAS program produced this output?

A.
```
proc sort data=one out=two;
if age>50;
by subjid;
run;
```
B.
```
proc sort data=one(where=(age>50)) out=two;
by subjid;
run;
```
C.
```
proc sort data=one out=two;
where=(age>50);
by subjid;
run;
```
D.
```
proc sort data=one(if=(age>50)) out=two;
by subjid;
run;
```

Correct Answer: B

QUESTION 54
Given the following data set (AE):

subject	firstdt	aeterm	aestdt	day
001	28NOV2009	NOSEBLEED	27NOV2009	-1
001	28NOV2009	HEADACHE	03DEC2009	6
001	28NOV2009	FRACTURE	08DEC2009	11
001	28NOV2009	VOMITING	15DEC2009	18
002	13JAN2010	COUGH	13JAN2010	1
002	13JAN2010	FEVER	19JAN2010	7
002	13JAN2010	MIGRAINE	23JAN2010	11
002	13JAN2010	DIZZINESS	03FEB2010	22

Data will be reported by onset week. Day 1 ?7 is Week 1, Day 8 ?14 is Week 2. Events beyond Day 14 are assigned Week 3 and will be reported as Follow-up events.

Which statements properly assign WEEK to each event?

A. if day > 0 then week = 1 ;
   else if day > 7 then week = 2 ;
   else if day > 14 then week = 3 ;
B. if day > 14 then week = 3 ;
   else if day > 7 then week = 2 ;
   else if day > 0 then week = 1 ;
C. select ;
   when (day > 14) week = 3 ;
   when (day > 7) week = 2 ;
   otherwise week = 1 ;
   end ;
D. select ;
   when (day > 0) week = 1 ;
   when (day > 7) week = 2 ;
   otherwise week = 3 ;
   end ;

Correct Answer: B

QUESTION 55
SIMULATION
Which CDISC filename contains the following items?

- Variable attributes
- Controlled terminology
- Computational methods

Enter your answer in the space below (Case is ignored. Do not add leading or trailing spaces to your answer.).

Correct Answer: DEFINE.XML,DEFINE.PDF,DEFINE

QUESTION 56
The following SAS program is submitted:

```
data WORK.DATE_INFO;
  X='04jul2011'd;
  DayofMonth=day(x);
  MonthofYear=month(x);
  Year=year(x);
run;
```

Which types of variables are DayofMonth, MonthofYear, and Year?

A. DayofMonth, Year, and MonthofYear are numeric.
B. DayofMonth, Year, and MonthofYear are character.
C. DayofMonth, Year, and MonthofYear are date values
D. DayofMonth and Year are numeric. MonthofYear is character

Correct Answer: A

QUESTION 57
Define.xml is an XML-based submission of a clinical study's:

A. data
B. results
C. metadata
D. protocol

Correct Answer: C

QUESTION 58
This question will ask you to provide a section of missing code.

Given the input SAS data set LABRAW:

PTID	LABTEST	DATE_1	DATE_2	LAB_1	LAB_2
1001	ANC	12/20/2010	12/27/2010	2.16	2.34
1001	HCT	12/20/2010	12/27/2010	0.43	0.5
1002	ANC	12/18/2010	12/26/2010	2.2	2.3
1002	HCT	12/18/2010	12/26/2010	0.3	0.4

The following SAS program is submitted

```
data lab_new (keep = ptid labtest visit date result);
  set labraw;
  array dat(2) date_1 date_2;
  array num(2) lab_1 lab_2;
  <insert code here>
run;
```

The following output SAS data set LAB_NEW is produced:

PTID	LABTEST	VISIT	DATE	RESULT
1001	ANC	1	12/20/2010	2.16
1001	ANC	2	12/27/2010	2.34
1001	HCT	1	12/20/2010	0.43
1001	HCT	2	12/27/2010	0.5
1002	ANC	1	12/18/2010	2.2
1002	ANC	2	12/26/2010	2.3
1002	HCT	1	12/18/2010	0.3
1002	HCT	2	12/26/2010	0.4

Which DO LOOP will create the output SAS data set WORK.LAB_NEW?

A.
```
do i=1 to 2;
do j=1 to 2;
visit=i;
date=dat{j};
result=num{j};
end;
output;
end;
```

B.
```
do i=1 to 2;
visit=i;
date=dat{i};
result=num{i};
end;
output;
```

C.
```
do i=1 to 2;
visit=i;
date=dat{i};
result=num{i};
output;
end;
```

D.
```
do i=1 to 2;
do j=1 to 2;
visit=i;
```