

实验五. SAS BASE 50 题

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D 1. A raw data file is listed below.

```
1---+-----10---+-----20---+-----  
son Frank 01/31/89  
daughter June 12-25-87  
brother Samuel 01/17/51
```

多了几个空格，故使用：修饰符

(I) 输入日期格式: YYMMDDw.

输出日期格式: YYMMDDxw.

x: B C D N P S
含义 空格: - 无 . /

The following program is submitted using this file as input:

```
data work.family;  
  infile 'file-specification';  
  <insert INPUT statement here>  
run;
```

(II) 输入/输出: DATE w.

Which INPUT statement correctly reads the values for the variable Birthdate as SAS date values?

a. input relation \$ first_name \$ birthdate date9.; b. input
relation \$ first_name \$ birthdate mmddyy8.; c. input
relation \$ first_name \$ birthdate : date9.; d. input
relation \$ first_name \$ birthdate mmddyy8.;

B 2. A raw data file is listed below.

```
1---+-----10---+-----20---+-----  
Jose, 47, 210  
Sue, , 108
```

The following SAS program is submitted using the raw data file above as input:

```
data employeestats;  
  <insert INFILE statement here>  
  input name $ age weight;  
run;
```

The following output is desired:

name	age	weight
Jose	47	210
Sue	.	108

Which of the following INFILE statements completes the program and accesses the data correctly?

a. infile 'file-specification' pad;
b. infile 'file-specification' dsd;

pad: 固定长度文件缺省格式 1 → 01

dsd: ① 将默认分隔符改为逗号
② 对于两个连续的分隔符，中间按缺失值处理
③ 将字符变量值的引号去掉

c. infile 'file-specification' dlm=','; 指定分隔符
d. infile 'file-specification' missover;

3. The following program is submitted:

```
data numrecords;  
  infile cards dlm=','; 若改为 dsd, 则选 C  
  input agent1 $ agent2 $ agent3 $;  
cards;  
jones,,brownjones,spencer,brown  
;  
run;
```

What is the value for the variable named Agent2 in the second observation?

a. brown

b. spencer

c. '' (missing character value)

d. There is no value because only one observation is created. → 无第二行的观测

4. A raw data file is listed below.

```
1---+-----10---+-----20---+-----30---+-----40---+-----50  
TWOESTORY 1040 2          1SANDERS ROAD          $55,850  
CONDO      2150 4          2.5JEANS AVENUE        $127,150
```

The following program is submitted using this file as input:

```
data work.houses;  
  infile 'file-specification';  
  <insert INPUT statement here>  
run;
```

Which one of the following INPUT statements reads the raw data file correctly?

a. ~~input @1 style \$8.
+1 sqfeet 4.
+1 bedrooms 1.
@20 baths 3.~~

~~street 16.
@40 price dollar8;~~

b. ~~input @1 style \$8
+1 sqfeet 4.
+1 bedrooms 1.
@20 baths 3.
street \$16
@40 price dollar8.;~~

c. ~~input @1 style \$8.
+1 sqfeet 4.
+1 bedrooms 1.
@20 baths 3.
street \$16.
@40 price dollar8.;~~

d. ~~input @1 style \$8.
+1 sqfeet 4.
+1 bedrooms 1.
@20 baths 3
street 16.
@40 price dollar8.;~~

B

5. The following SAS program is submitted at the start of a new SAS session:

```
libname sasdata 'SAS-data-library';  
data sasdata.Sales;  
    set sasdata.salesdata;  
    profit=expenses-revenues;  
run;
```

```
proc print data=sales;  
run;
```

有临时库，应为 data = work.sales;

The SAS data set **Sasdata.Salesdata** has ten observations. Which one of the following explains why a report fails to generate?

- a. The DATA step fails execution.
- b. The SAS data set **Sales** does not exist.
- c. The SAS data set **Sales** has no observations.
- d. The PRINT procedure contains a syntax error.

D

6. Which action assigns a reference named SALES to a permanent SAS data library?

- a. Issuing the command:
~~libref~~ SALES 'SAS-data-library'
- b. Issuing the command:
libname SALES 'SAS-data-library'
- c. Submitting the statement:
~~libref~~ SALES 'SAS-data-library';
- d. Submitting the statement:
libname SALES 'SAS-data-library';

永久的

A

7. The following SAS program is submitted:

```
data newstaff;  
  set staff;  
  <insert WHERE statement here>  
run;
```

Which one of the following WHERE statements completes the program and selects only observations with a Hire_date of February 23, 2000?

- a. where hire_date='23feb2000'd;
- b. where hire_date='23feb2000';
- c. where hire_date='02/23/2000'd;

d. `where hire_date='02/23/2000';`

8. Which one of the following SAS date formats displays the SAS date value for January 16, 2002 in the form of 16/01/2002?

- a. DATE10.
- b. DDMMYY10.
- c. WEEKDATE10.
- d. DDMMYYYY10.

9. Which one of the following displays the contents of an external file from within a SAS session?

- a. the LIST procedure
- b. the PRINT procedure
- c. the FSLIST procedure
- d. the VIEWTABLE window

10. The SAS data set **Sashelp.Prdsale** contains the variables **Region** and **Salary** with 4 observations per **Region**. **Sashelp.Prdsale** is sorted primarily by **Region** and within **Region** by **Salary** in descending order.

The following program is submitted:

```
data one;  
  set sashelp.prdsale;  
  retain temp;  
  by region descending salary;  
  if first.region then  
    do;  
      temp= salary;  
      output;  
    end;  
  if last.region then  
    do;  
      range=salary-temp;  
      output;  
    end;  
run;
```

For each region, what is the number of observation(s) written to the output data set?

- a. 0
- b. 1
- c. 2
- d. 4

11. The following SAS program is submitted:

```
proc contents data=sasuser.houses; run;
```

The exhibit below contains partial output produced by the CONTENTS procedure.

Data Set Name	SASUSER.HOUSE3	Observations	15
Member Type	DATA	Variables	6
Engine	V9	Indexes	0
Created	Tuesday, April 22,		

2003 03:09:25 PM	Observation Length	56	
Last Modified	Tuesday, April 22,		
2003 03:09:25 PM	Deleted Observations	0	
Protection	Compressed	NO	

Data Set Type**Label**

for sale

Data Representation

WINDOWS_32

Encoding

(Windows)

Residential housing

sorted

NO

Which of the following describes the **Sasuser.Houses** data set?

- a. The data set is sorted but not indexed.
- b. The data set is both sorted and indexed.
- c. The data set is not sorted but is indexed.
- d. The data set is neither sorted nor indexed.

D. 12. The following SAS program is submitted:

```
proc sort data=work.test;  
  by fname descending salary;  
run;
```

fname 升序

Salary 降序

Which one of the following represents how the observations are sorted?

- a. The data set **Work.Test** is stored in ascending order by both **Fname** and **Salary** values.
- b. The data set **Work.Test** is stored in descending order by both **Fname** and **Salary** values.
- c. The data set **Work.Test** is stored in descending order by **Fname** and ascending order by **Salary** values.
- d. The data set **Work.Test** is stored in ascending order by **Fname** and in descending order by **Salary** values.

B. 13. The following SAS program is submitted:

```
data names;
```

```

title='EDU';
if title='EDU' then
  Division='Education';
else if title='HR' then
  Division='Human Resources';
else Division='Unknown';
run;

```

Which one of the following represents the value of the variable `Division` in the output data set?

- a. *Educatio*
- b. *Education*
- c. *Human Re*
- d. *Human Resources*

C 14. Which one of the following SAS programs creates a variable named `City` with a value of `Chicago`?

a. ~~data work.airports;
AirportCode='ord';
if AirportCode='ORD' City='Chicago';
run;~~ *字符*

b. ~~data work.airports;
AirportCode='ORD';
if AirportCode='ORD' City='Chicago';
run;~~ *if-then 语句*

c. data work.airports;
AirportCode='ORD';
if AirportCode='ORD' then City='Chicago';
run;

d. ~~data work.airports;
AirportCode='ORD';
if AirportCode='ORD'
then City='Chicago';
run;~~ *0x*

A 15. The following SAS program is submitted:

```

data work.building;
code='DAL523';
code='SANFRAN604';
code='HOUS731';
length code $ 20;
run;

```

Which one of the following is the length of the `code` variable?

- a. 6
- b. 7
- c. 10
- d. 20

A 16. Which of the following statements creates a numeric variable named `IDnumber` with a value of 4198?

- a. *IDnumber=4198;*
- b. *IDnumber='4198';*
- c. *length IDnumber=8;*
- d. *length IDnumber \$ 8;*

*第一个出现观测值的长度作为 Code 的长度
该程序输出为 HOUS73*

A

17. The following program is submitted:

```
data fltaten;
  input jobcode $ salary name $;
cards;
FLAT1 70000 Bob
FLAT2 60000 Joe
FLAT3 30000 Ann
;
run;
data desc;
  set fltaten;
  if salary>60000 then description='Over 60';
  else description='Under 60';
run;
```

description 长度为 7

What is value of the variable named description when the value for salary is 30000?

- a. Under 6 8位
- b. Under 60 结束 0
- c. Over 60
- d. '' (missing character value)

A

18. A raw data file is listed below.

```
1----+-----10----+-----20----+-----
10
23
20
15
```

The following program is submitted:

```
data all_sales;
  infile 'file-specification';
  input receipts;
  <insert statement(s) here>
run;
```

Which statement(s) complete(s) the program and produce(s) a running total of the Receipts variable?

累积求和.

- a. total+receipts; → 初始定义 total = 0
- b. total 0; sum
- c. total=total+receipts;
- d. total=sum(total,receipts);

这里的 total 未事先定义, 显示结果全为缺失值

D

19. A raw data file is listed below.

```
1----+-----10----+-----20----+-----
1901 2
1905 1
1910 6
1925 1
1941 1
```

The following SAS program is submitted and references the raw data file above:

```
data money;
  infile 'file-specification';
  input year quantity;
  total=total+quantity;
run;
```

total 为缺失值.

What is the value of `total` when the data step finishes executing?

- a. 0
- b. 1
- c.
- 11
- d. . (missing numeric value)

C 20. The following program is submitted:

```
data test;
  average=mean(6,4,.,2);
run;
```

What is the value of `average`?

- a. 0
- b.
- 3 c.
- 4
- d. . (missing numeric value)

Sum
mean 被计算所有未缺失的观测值的平均

$$\frac{6+4+2}{3} = 4$$

A 21. The following SAS program is submitted:

```
data work.AreaCodes; Phonenumber=3125551212;
  Code='(!!!substr(Phonenumber,1,3)!!!)';
run;
```

Which one of the following is the value of the variable `code` in the output data set?

- a. (3)
- b. (312)
- c. 3
- d. 312

10位, 整型变量

↓ 字符型变量

D 22. The following SAS program is submitted:

```
data work.inventory;
  products=7;
```

```
do until (products 大于 gt 6);  
  products+1;  
end;  
run;
```

do until 先执行一次, 若条件满足则不执行

Which one of the following is the value of the variable `products` in the output data set?

- a. 5
- b. 6
- c. 7
- d. 8

B. 23. The following program is submitted:

```
data work.test;  
  set work.staff (keep=salary1 salary2 salary3);  
  <insert ARRAY statement here>  
run;
```

Which ARRAY statement completes the program and creates new variables?

- a. `array salary{3};`
- b. `array new_salary{3};`
- c. `array salary{3} salary1-salary3;`

自动创建新变量 new_salary1, new_salary2 和 new_salary3.

↓

创建一个数组, 里面为已经存在了的变量 salary1, salary2, salary3

```
d. array new_salary{3} salary1-salary3;
```

- B** ~~A~~ 永久给变量一个格式
24. Which of the following permanently associates a format with a variable?
- a. the FORMAT procedure
 - b. a FORMAT statement in a DATA step
 - c. an INPUT function with format modifiers
 - d. an INPUT statement with formatted style input

- D** ~~A~~
25. The following report is generated:

Style of homes	n	Asking Price
-------------------	---	-----------------

CONDO	4	\$99,313
RANCH	4	\$68,575
SPLIT	3	\$77,983
TWOSTORY	4	\$83,825

Which of the following steps created the report?

a.

```
proc freq data=sasuser.houses;  
  tables style price /nocum;  
  format price dollar10.;  
  label style="Style of homes"  
        price="Asking price";  
run;
```

freq: Producing Descriptive Statistics

b.

```
proc print data=sasuser.houses;  
  class style;  
  var price;  
  table style, n price*mean*f=dollar10.;  
  label style="Style of homes"  
        price="Asking price";  
run;
```

print: Creating List Reports

c.

```
proc means data=sasuser.houses n mean;  
  class style;  
  var price;  
  format price dollar10.;  
  label style="Style of homes"  
        price="Asking price";  
run;
```

means: Producing Descriptive Statistics

d.

```
proc report data=sasuser.houses nowd headline;  
  column style n price;  
  define style / group "Style of homes";  
  define price / mean format=dollar8.  
                "Asking price";  
run;
```

report: Creating Enhanced List and Summary Reports

D 26. A SAS report currently flows over two pages because it is too long to fit within the specified display dimension. Which one of the following actions would change the display dimension so that the report fits on one page?

- a. Increase the value of the LINENO option.
- b. Decrease the value of the PAGENO option.
- c. Decrease the value of the LINESIZE option.
- d. Increase the value of the PAGESIZE option.

→ 上下左右页边距

B 27. Which one of the following SAS REPORT procedure options controls how column headings are displayed over multiple lines?

- a. SPACE=
- b. SPLIT=
- c. LABEL=
- d. BREAK=

→ how to split column headings

Other options are not valid options in PROC REPORT

A 28. The following SAS program is submitted:

```
ods html file='newfile.html';
proc print data=sasuser.houses;
run;
proc means data=sasuser.houses;
run;
proc freq data=sasuser.shoes;
run;
ods html close;
proc print data=sasuser.shoes;
run;
```

How many HTML files are created?

- a. 1
- b. 2
- c. 3
- d. 4

A 29. A frequency report of the variable Jobcode in the Work.actors data set is listed below.

Jobcode	Frequency	Percent	Cumulative	Frequency	Percent	Cumulative
Actor I	2	33.33	2	33.33		
Actor II	2	33.33	4	66.67		
Actor III	2	33.33	6	100.00		

Frequency Missing = 1

The following SAS program is submitted:

```
data work.joblevels;
  set work.actors;
```

```
if jobcode in ('Actor I', 'Actor II') then
  joblevel='Beginner';
if jobcode='Actor III' then
  joblevel='Advanced';
else joblevel='Unknown';
run;
```

overwrite

Which of the following represents the possible values for the variable `joblevel` in the **Work.Joblevels** data set?

a. *Advanced* and *Unknown* only

- b. *Beginner and Advanced only*
- c. *Beginner, Advanced, and Unknown*
- d. '' (missing character value)

D 30. The descriptor and data portions of the **Work.Salaries** data set are shown below.

Variable	Type	Len	Pos
name	Char	8	0
salary	Char	8	16
status	Char	8	8

salary 为字符型变量。

name	status	salary
Liz	S	15,600
Herman	S	26,700
Marty	S	35,000

The following SAS program is submitted:

```
proc print data=work.salaries;  
  where salary < 20000;  
run;
```

What is displayed in the SAS log after the program is executed?

- a. A NOTE indicating that 1 observation is read.
- b. A NOTE indicating that 0 observations were read.
- c. A WARNING indicating that character values have been converted to numeric values.
- d. An ERROR indicating that the WHERE clause operator requires compatible variables.

A 31. Which of the following statements is true when SAS encounters a syntax error in a DATA step?

- 错误的
句法

- a. The SAS log contains an explanation of the error.
- b. The DATA step continues to execute and the resulting data set is complete.
- c. The DATA step stops executing at the point of the error and the resulting data set contains observations up to that point.
- d. A note appears in the SAS log indicating that the incorrect statement was saved to a SAS data set for further examination.

C 32. Which TITLE statement would display JANE'S DOG as the text of the title?

- a. title "JANE"S DOG";
- b. title 'JANE"S DOG';
- c. title "JANE'S DOG";
- d. title 'JANE' ' 'S DOG';

B 33. The following SAS program is submitted:

```
data test;
  input animal1 $ animal2 $
        mlgrams1 mlgrams2;
cards;
hummingbird ostrich 54000.39 90800000.87
;
```

run;

Which one of the following represents the values of each variable in the output data set?

- a.

animal1	animal2	mlgrams1	mlgrams2
hummingb	ostrich	54000.39	90800000
- b.

animal1	animal2	mlgrams1	mlgrams2
hummingb	ostrich	54000.39	90800000.87
- c.

animal1	animal2	mlgrams1	mlgrams2
hummingbird	ostrich	54000.39	90800000
- d.

animal1	animal2	mlgrams1	mlgrams2
hummingbird	ostrich	54000.39	90800000

☆ 字符型变量有默认长度8.
数值型变量无.

hummingbird	ostrich	54000.39	90800000.87
-------------	---------	----------	-------------

34. The SAS data sets **Work.Employee** and **Work.Salary** are shown below.

Work.Employee

fname	age
Bruce	30
Dan	40

Work.Salary

fname	salary
Bruce	25000
Bruce	35000
Dan	25000

The following merged SAS data set is generated:

Work.Empdata

fname	age	totsal
Bruce	30	60000
Dan	40	25000

Which one of the following SAS programs created the merged data set?

- a.

```
data work.empdata;
  merge work.employee
        work.salary;
  by fname;
  if first.fname then totsalsal=0;
  totsalsal+salary;
  if last.fname then output;
run;
```
- b.

```
data work.empdata(drop=salary);
  merge work.employee
        work.salary;
  by fname;
```

```

    if first.fname then totalsal=0;
    totalsal+salary;
    if last.fname then output;
run;
c.    data work.empdata;
      merge work.employee
            work.salary(drop=salary);
      by fname;
      if first.fname then total=0;
      totalsal+salary;
      if last.fname then output;
run;
d.    data work.empdata;
      merge work.employee
            work.salary;
      by fname;
      if first.fname then total+salary;
run;

```

C 35. The contents of the SAS data set **Sasdata.Group** are listed below.

name	age
Janice	10
Henri	11
Michele	11
Susan	12

The following SAS program is submitted using the **Sasdata.Group** data set as input:

```

libname sasdata 'SAS-data-library';
data group;
  set sasdata.group;
  file 'file-specification';
  put name $15. @5 age 2.;
run;

```

Which one of the following describes the output created?

- a. a raw data file only

-
- b. a SAS data set named **Group** only
 - c. both a SAS data set named **Group** and a raw data file
 - d. The program fails execution due to errors.

C 36. The SAS data set **Employee_info** is listed below.

employee	bonus
2542	100.00
3612	133.15
2198	234.34
2198	111.12

The following SAS program is submitted:

```
proc sort data=employee_info;  
    <insert BY statement here>  
run;
```

Which one of the following BY statements completes the program and sorts the data in sequential order by descending bonus values within ascending employee values?

- a. by descending bonus employee;
- b. by employee bonus descending;
- c. by employee descending bonus;
- d. by descending employee bonus;

C 37. The following SAS program is submitted:

```
data work.accounting;  
    length jobcode $ 12;  
    set work.department;
```

很好的习惯，规定好属性。

```
run;
```

The **Work.Department** SAS data set contains a character variable named `jobcode` with a length of 5. Which of the following is the length of the variable `jobcode` in the output data set?

- a. 5
- b. 8
- c. 12
- d. The value cannot be determined because the program fails to execute due to syntax errors.

38. Assume the SAS data set **Sasuser.Houses** has four numeric variables.

The following SAS program is submitted:

```
proc means data=sasuser.houses mean;  
    <insert statement(s) here>  
run;
```

The following report is produced:

style	N	Obs	Variable	Mean
CONDO	4		bedrooms	
baths	2.7500000			
	2.1250000			
RANCH	4		bedrooms	
baths	2.2500000			
	2.0000000			
SPLIT	3		bedrooms	
baths	2.6666667			
	1.8333333			
TWOSTORY	4		bedrooms	
baths	3.0000000			
	1.8750000			

Which of the following statement(s) create(s) this report?

- a. `class style;`
- b. `var bedrooms baths;` c. `class style; var bedrooms baths;`
- d. `var style;` `class bedrooms baths;`

39. An HTML file contains a SAS report. Which ODS statement option is used to specify the name of the HTML file?

- a. `OUT=`
- b. `FILE=`
- c. `HTML=`
- d. `HTMLFILE=`

d28

40. The following SAS program is submitted:

```
data work.test;  
  set sasuser.class;  
  array t{3} <insert text here> (5, 10, 15);  
run;
```

Which one of the following completes the ARRAY statement and creates data elements that are not included in the SAS data set **Work.Test**?

- a. `_DROP_`
- b. `_TEMP_`
- c. `_TEMPORARY_`
- d. No extra text is needed.

A 41. A raw data file is listed below.

```
1---+-----10---+-----20---+-----  
01/05/1989      Frank      11  
12/25/1987      June       13  
01/05/1991      Sally       9
```

The following SAS program is submitted using the raw data file as input:

```
data work.family;
  infile 'file-specification';
  input @1 date_of_birth mmddyy10.
        @15 first_name $5.
        @25 age 3;
run;
```

```
proc print data=work.family noobs;
run;
```

Which one of the following is the result?

- a. The program executes, but the age values are missing in the output.
- b. The program executes, but the date values are missing in the output.
- c. The program fails to execute because the age informat is coded incorrectly.
- d. The program fails to execute because the date informat is coded incorrectly.

42. Assume that SAS data sets **Sasdata.Products** and **Sasdata.Sales** both contain the Prod_ID variable. Which of the following SAS DATA steps returns only exceptions or non matches?

- a.

```
libname sasdata 'SAS-data-library';
data all;
  merge sasdata.products
        sasdata.sales;
  by prod_id;
  if ins=1 or inp=1;
run;
```
- b.

```
libname sasdata 'SAS-data-library';
data all;
  merge sasdata.products(in=inp)
        sasdata.sales(in=ins);
  by prod_id;
  if ins=1 and inp=1;
run;
```
- c.

```
libname sasdata 'SAS-data-library';
data all;
  merge sasdata.products(in=inp)
        sasdata.sales(in=ins);
  by prod_id;
  if ins=0 and inp=0;
run;
```
- d.

```
libname sasdata 'SAS-data-library';
data all;
  merge sasdata.products(in=inp)
```

```
        sasdata.sales(in=ins);  
    by prod_id;  
    if ins=0 or inp=0; ✓  
run;
```

A 43. The following SAS program is submitted:

```
libname sasdata 'SAS-data-library';  
libname labdata 'SAS-data-library';  
data labdata.boston  
    labdata.dallas(drop=city dest equipment);  
    set sasdata.cities(keep=orig dest city  
                        price equipment);  
    if dest='BOS' then output labdata.boston;  
    else if dest='DFW' then output labdata.dallas;  
run;
```

Which variables are output to both data sets?

- a. price and orig only
- b. city and equipment only
- c. city, price, and equipment only
- d. city, price, orig, and equipment

A 44. The following SAS program is submitted:

```
proc contents data=sasuser._all_ nods;  
run;
```

Which one of the following is produced as output?

- a. the list of all data set names in the **Sasuser** library only
- b. the descriptor portion of the data set named **Sasuser._All_**
- c. the descriptor portion of every data set in the **Sasuser** library only
- d. the list of data set named in the **Sasuser** library plus the descriptor portion of every data set in the **Sasuser** library.

只列出名称。

45. The following SAS program is submitted:

```
data work.test;
  length city $20;
  city='Paris';
  city2=trim(city);
run;
```

去空格

Which one of the following is the length of the `city2` variable?

- a. 5
- b. 6
- c. 8
- d. 20

46. A raw data record is listed below.

```
1---+-----10---+-----20---+----
$23,456 750
```

The following SAS program is submitted:

```
data bonus;
  infile 'file-specification';
  input salary $ 1-7 raise 9-11;
  <insert statement here>
run;
```

use the INPUT function to convert a character value to a numeric value

Which one of the following statements completes the program and adds the values of `salary` and `raise` to calculate the expected values of the `newsalary` variable?

- a. `newsalary=salary + raise;`
- b. `newsalary=put(salary,comma7.) + raise;`
- c. `newsalary=input(salary,comma7.) + raise;`
- d. `newsalary=put(salary,comma7.) + put(raise,3.);`

47. The following SAS program is submitted:

```
data work.travel;
  do i=1 to 6 by 2;
    trip + i;
  end;
run;
```

Which one of the following is the value of the variable `trip` in the output data set?

- a. 2
- b. 3
- c. 9
- d. 10

$0 + 1 = 1$
 $1 + 3 = 4$
 $4 + 5 = 9$
^
6

B 48. ~~A~~ The following SAS program is submitted:

```
proc report data=survey nowd;  
  column age choicel;  
  <insert DEFINE statement here>  
  define choicel/display;
```

run;

Which one of the following DEFINE statements completes the program and displays values of the variable Age in ascending order?

- a. define age/sort;
- b. define age/order;
- c. define age/sort by age; ~~无比用法~~
- d. define age/order by age; ~~无比用法~~

B 49. Which one of the following statements is true when SAS encounters a data error?

- a. The execution phase is stopped, and a system abend occurs.
- b. A missing value is assigned to the appropriate variable, and execution continues. ~~以缺失值代替~~
- c. The execution phase is stopped, and a SAS data set is created with zero observations.
- d. A missing value is assigned to the appropriate variable, and execution stops at that point.

B 50. The following SAS program is submitted:

```
data test;  
  input country $8. date mmddyy10.;  
cards;  
Germany 12/31/2000  
France 01/32/2001  
;  
run;
```

~~日期~~

~~data error~~

~~error的值只能为0/1~~

Which one of the following is the value of the variable _ERROR_ when the variable _N_ has a value of 2?

- a. 0
- b. 1
- c. ~~true~~
- d. ~~false~~