Print

Quiz: Lesson 1

Your Score: Congratulations! Your score of 100% indicates that you've
100% mastered the topics in this lesson. If you'd like, you can review
the feedback.

When you're finished, exit the lesson.

✔

1. How many steps does this program contain?

```
data national;
    set sashelp.baseball;
    BatAvg=nHits/nAtBat;
run;

proc contents data=national;
run;

proc print data=national;
run;

proc means data=national;
    var BatAvg;
run;
```

   a. one
   b. two
   c. four
   d. eight

Your answer: c
Correct answer: c

RUN, QUIT, DATA, and PROC statements function as step boundaries,
which determine when SAS statements take effect and indicate the end
of the current step or the beginning of a new step.

✔

2. Running a SAS program can create which of the following?

   a. log
   b. output data
   c. results
   d. all of the above

   Your answer: d
   Correct answer: d

   A SAS program always creates a log. A program can create output data
   and results as well, depending on the steps included.

✔

3. Which of the following is a SAS syntax requirement?

   a. Begin each statement in column one.
   b. Put only one statement on each line.
   c. Separate each step with a line space.
   d. End each statement with a semicolon.

   Your answer: d
   Correct answer: d

   All SAS statements must end with a semicolon, but they are free-format.
   You can begin or end them anywhere, separate steps with line spaces,
   and optionally end steps with a RUN statement.

✔

4. Which of the following steps is typically used to generate reports and
   graphs?

   a. DATA
   b. PROC
   c. REPORT
   d. RUN

   Your answer: b
   Correct answer: b

   PROC steps are typically used to process SAS data sets (that is,

generate reports, graphs, and statistics).

✔

5. Does this comment contain syntax errors?

```
 /*
Report created for budget
presentation; revised October 15.
  */
proc print data=work.newloan;
run;
```

a. No. The comment is correctly specified.
b. Yes. Every comment line must end with a semicolon.
c. Yes. The comment is on more than one line.
d. Yes. There is a semicolon in the middle of the comment.

Your answer: a
Correct answer: a

A block comment can contain semicolons and unbalanced quotation marks, can appear anywhere, and doesn't need a semicolon at the end.

✔

6. What result would you expect from submitting this step?

```
proc print data=work.newsalesemps
run;
```

a. a report of the **work.newsalesemps** data set
b. an error message in the log
c. the creation of a table named **work.newsalesemps**

Your answer: b
Correct answer: b

There is a missing semicolon following the data set name. When this step runs, SAS will interpret the word **run** as an option in the PROC PRINT statement (because of the missing semicolon). As a result, the PROC PRINT step will not execute and an error message will be displayed in the log.

✔ 7. What happens if you submit the following program?

```
porc print data=work.newsalesemps;
run;
```

    a. SAS does not execute the step.
    b. SAS assumes that PROC is misspelled and executes the step.

Your answer: b
Correct answer: b

The log will indicate that SAS assumed that the keyword PROC was misspelled, corrected it temporarily, and executed the PROC step.

✔ 8. This program contains a syntax error because **National** is in different cases.

```
data national;
    set sashelp.baseball;
    BatAvg=nHits/nAtBat;
run;

proc means data=NATIONAL;
    var BatAvg;
run;
```

    a. True
    b. False

Your answer: b
Correct answer: b

Case does not matter in unquoted values, so in this case, the data set name can be specified in any case.

✔ 9. How many statements does this program contain?

```
*Create a cars report;

title "European Cars Priced Over 30K";
footnote "Internal Use Only";
```

```
proc print data=sashelp.cars;
    where Origin='Europe'
          and MSRP>30000;
    var Make Model Type
        Mpg_City Mpg_Highway;
run;
```

a. five

b. six

c. seven

d. eight

Your answer: c
Correct answer: c

This program contains seven statements (seven semicolons): comment, TITLE, FOOTNOTE, PROC, WHERE (two lines), VAR (two lines), and RUN.

✔

10. Which of the following is not a SAS programming interface?

   a. SAS Enterprise Guide
   b. SAS Manager
   c. SAS Studio
   d. SAS windowing environment

Your answer: b
Correct answer: b

The programming interfaces include SAS Enterprise Guide (client application), SAS Studio (web-based), and SAS windowing environment. There is not an interface or product named SAS Manager.

Close