Quiz 01

1. 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.
   e. Put a RUN statement after every DATA or PROC step.

   Answer: d

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

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

   Answer: B

3. 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 text incorrectly begins on line one.
   d. Yes. The comment contains a semicolon, which causes an error message.

   Answer A.

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

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

   a. an HTML report of the **work.newsalesemps** data set

b. an error message in the log
c. a LISTING report of the **work.newsalesemps** data set
d. the creation of a temporary data set called **work.newsalesemps**

Answer: A (by default)

5. In this PROC CONTENTS output, what is the default length of the variable **Month**?

Alphabetic List of Variables and Attributes			
#	Variable	Type	Length
1	Month	Num	?

a. 2 bytes
b. 8 bytes
c. 16 or 17 bytes
d. 32,767 bytes

Answer: B

6. Which LIBNAME statement has the correct syntax?

a `Libname myproject "s:\workshop";`
b. `libname reports 's:\workshop';`
c. `libname orion s:\workshop;`
d. `libname 3456a 's:\workshop';`

Answer: B

7. Which of the following librefs is valid?

a. orionstar
b. orion/01
c. or_01
d. 1_or_a

Answer: C

8. What type of data set is the input data set in this PROC PRINT step?

```
proc print data=order_fact;
run;
```

a. temporary
b. permanent
c. There is not enough information to determine the type.

Answer: A

9. Which of the following INPUT statements creates the data set shown here?

Partial SAS Data Set **customers**

Customer_ID	Last_Name	First_Name	Total_Sales
123049	Kim	Jason	545
123050	Weston	Ingrid	832

a. **`input Customer_ID $ Last_Name $ First_Name $ Total_Sales;`**

b `input Customer_ID $ 1-10 Last_Name First_Name Total_Sales;`

c. `input customer_id $ last_name $ first_name $ total_sales;`

d. `input Last_Name $ First_Name $ Total_Sales Customer_ID $;`

Answer A.

10. Which of the data and proc steps produce the following output?

```
                    Course Grades      01:08 Wednesday, September 2, 2020

Obs          name              grade1     grade2     grade3

 1     George Washington         80         90         95
 2     Thomas Jefferson          92         86         92
 3     James Madison             88         78         93
```

(a).

```
DATA grades;
  INPUT name $ 1-17  grade1  grade2  grade3;
  DATALINES;
  George Washington 80 90 95
  Thomas Jefferson  92 86 92
  James Madison     88 78 93
  ;
  RUN;

PROC PRINT DATA = grades;
  TITLE "Course Grades";
  RUN;
```

(b).

```
DATA grades;
 INPUT name $ 1-17  grade1  grade2  grade3;
 DATALINES;
 George Washington 80 90 95
 Thomas Jefferson 92 86 92
 James Madison 88 78 93
 ;
 RUN;

PROC PRINT DATA = grades;
 TITLE "Course Grades";
 RUN;
```

(c)

```
DATA grades;
 INPUT name $    grade1  grade2  grade3;
 DATALINES;
 George Washington 80 90 95
 Thomas Jefferson 92 86 92
 James Madison 88 78 93
 ;
 RUN;

PROC PRINT DATA = grades;
 TITLE "Course Grades";
 RUN;
```

(d)

```
DATA grades;
 INPUT name $ 17   grade1  grade2  grade3;
 DATALINES;
 George Washington80 90 95
 Thomas Jefferson 92 86 92
 James Madison    88 78 93
 ;
 RUN;

PROC PRINT DATA = grades;
 TITLE "Course Grades";
 RUN;
```

Answer A