



Quiz: Lesson 4

Select the best answer for each question. When you are finished, click **Submit Quiz**.

1. In which phase does the DATA step check for syntax errors?

- ☐ a. compilation
 - ☐ b. execution
-

2. Which statement is used to read a SAS data set in a DATA step?

- ☐ a. DATA statement
 - ☐ b. WHERE statement
 - ☐ c. SET statement
 - ☐ d. assignment statement
-

3. To process an Excel file with the DATA step, you must first create a copy of the data as a SAS table.

- ☐ a. True
 - ☐ b. False
-

4. What is the name of the output data set in the program below?

```
data work.us;  
    set orion.sales;  
    where Country='US';  
run;
```

- ☐ a. **work.us**
 - ☐ b. **orion.sales**
 - ☐ c. **Country**
 - ☐ d. **sales**
-

5. The data set **orion.sales** contains nine columns. Given this DATA step, how many columns does **work.comp** have?

```
data work.comp;  
    set orion.sales;  
    keep employee_id status job_title salary;  
run;
```

- ☐ a. four
 - ☐ b. nine
 - ☐ c. five
-

6. Given the assignment statement below, what is the value of **AvgExp** for the observation that is shown?

```
AvgExp=mean(Exp1, Exp2, Exp3, Exp4);
```

Exp1	Exp2	Exp3	Exp4
10	.	5	9

- ☐ a. 6
 - ☐ b. 8
 - ☐ c. . (missing value)
 - ☐ d. The statement generates a syntax error.
-

7. Which of the following SAS functions returns a number from 1 to 12?

- ☐ a. YEAR(SAS-date-value)
 - ☐ b. MONTH(SAS-date-value)
 - ☐ c. WEEKDAY(SAS-date-value)
 - ☐ d. none of the above
-

8. In the program below, what is the value of **Credit** if **Country** is 'au'?

```
data work.bonus;  
  set orion.sales;  
  if Country='US' then Credit=300;  
  else if Country='AU' then Credit=500;  
  else Credit=0;  
run;
```

- ☐ a. 300
 - ☐ b. 500
 - ☐ c. 0
 - ☐ d. missing
-

9. What is the length of the **Car_Type** column created in this program?

```
data car_type;  
  set sashelp.cars;  
  if msrp>80000 then car_type="luxury";  
  else car_type="regular";
```

```
length car_type $ 8;  
run;
```

- ☐ a. 6
 - ☐ b. 7
 - ☐ c. 8
-

10. Use a DO group in a DATA step when you want to execute multiple statements for a true IF-THEN expression.

- ☐ a. True
 - ☐ b. False
-

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