Quiz: Tracing Algorithms

1. What is a trace table used for?

a) Debugging code

b) Understanding algorithms

c) Tracking variable values

d) All of the above

2. Which of the following loops can be used in Python?

a) while loop

b) for loop

c) nested loop

d) All of the above

3. What is the purpose of a trace table?

a) To locate logic errors in code

b) To understand how an algorithm works

c) To track the values of variables at each step

d) All of the above

4. True or False: Trace tables are only useful for simple algorithms.