

Chapter 11

ISTA-420, T-SQL Fundamentals

1. Why do we use variables in T-SQL? How do you declare and initialize T-SQL variables?
2. Describe what is meant by a *batch* file in T-SQL? What is the difference between batches and transactions?
3. What is the scope of variables with respect to T-SQL batches?
4. Write a T-SQL code snippet that returns a data element stating whether the current person can legally purchase alcohol, that is, has reached his 21st birthday.
5. (Not in book) Does T-SQL have a *for* loop construction?
6. What is a *cursor*? What is the difference between a relation and a cursor?
7. How do you declare a temporary table? Why would you declare a temporary table?
8. What is the difference between a *stored procedure*, a *user defined function*, and a *trigger*?
9. Write a user defined function that returns a Boolean as to whether a customer may purchase alcohol as of the instant that the function runs.
10. Write a trigger that places a customer in the OFF_LIMITS table if he attempt to purchase alcohol when he is underage.
11. Write a stored procedure that deletes customers from the OFF_LIMITS table when they have reached their 21st birthday.