# CS 4250 PROGRAMMING LANGUAGES FALL 2018

**KEY TO QUIZ #6 [7 points]**

1. Indicate two capabilities that control statements provide for programming languages.

*Answer:*

Control statements are tools for selecting among alternative control flow paths and causing the repeated execution of statements or sequences of statements.

1. Explain why multiple exits from control structures are not considered a design issue.

*Answer:*

If a goto statement is not used, all exits from control structures are restricted to transferring control to the first statement following the structure. So, control goes to the same point where it would be without no explicit exit, and there is no harm to readability and no danger. So, the issue is actually whether to allow the use of goto.

1. Indicate two operators in C/C++ that allow the user-located loop exits.

*Answer:*

break and continue (full credit was also given for indicating goto)

1. Fill in the blanks in the following statements:
2. The *multiple -* selection statement allows the selection of one of any number of statements or statement groups.
3. An *iterative* statement is often called a loop.
4. The primary possibilities for iteration control are *logical*, *counting* and a combination of two.
5. C# includes a *goto* statement that transfers execution control to a specified location in the program (so-called unconditional branching).