Branching

1. What are relational operators?

2. State all of the relational operators used in C.

3. What are the two conditions that relational operators may have?

4. Explain what is meant by the statement that a relational operator in C returns a value.

5. Explain the operation of the if statement.

6. Describe the action of if-else if-else statement in C.

7. State the purpose of the switch statement in C?

8. What other keywords must be used with the switch statement?

9. State the purpose of the keyword **default** in the switch statement?

10. State the effect of omitting the break in a C switch.

11. What do you need to do in order to make sure that default is always executed in a C switch?

12. Explain the operation of the conditional operator.

13. What values make the conditional operator TRUE? What values make it FALSE?

14. Does a break is required by default case in switch statement?

15. When is a "switch" statement preferable over an "if" statement?

16. State the difference between the C operation symbols = and ==.