ASSESSMENT CONTENT

Complete the following:

1. Write a C++ program that prints the name of the university to the console. Then, add additional `cout` statements to print your name and today's date on separate lines.
2. Declare two integer variables, assign values to them, and print their sum, difference, product, and quotient. Also, create a string variable to hold your favorite color and print it.
3. Write a program that asks the user for their age and their favorite number. Store these values in variables and print a message that includes both pieces of information.
4. Create a program that asks the user to enter an integer. If the number is even, print "The number is even." If the number is odd, print "The number is odd."
5. Write a program that prints the numbers 1 to 10 using a `for` loop, and then counts down to 1 using a `while` loop.
6. Write a program that creates a text file and writes the numbers 1 to 10 on separate lines. Then, write another program that reads from this file and prints the numbers to the console.