1. A program calculates the Greatest Common Divisor (GCD) of two numbers in the range [1, 100]. Design test cases for this program using BVC, robust testing, and worst-case testing methods.

2. Consider the following code: int a,b, c,d;

(4+2+4)=10

- **a)** Draw the Control Flow Graph for the program.
- **b)** List all independent paths.
- **c)** Calculate the cyclomatic complexity of the program using all three methods.