

CS 100 Exercise 5: Scope
Summer 2001
Due in lecture, Wednesday July 11

Name: _____ **CUID:** _____

This program demonstrates different scoping situations. **Fill in each blank** with a list of variables that are "within scope" ("visible") at that point in the code. Also, **draw a line through** each line that will fail to compile.

// Exercise 5, CS 100 Summer 2001

public class Exercise5

{

public static void main(String[] args)

{

int a = 1;

_____ a _____

int b = 3;

_____ a, b _____

{

int c = 4;

_____ a, b, c _____

}

for (int z = 0; z <= 1; z++)

{

System.out.println("Hi!");

_____ a, b, z _____

if (a == b)

{

int d = 5;

_____ a, b, d, z _____

z = 4;

~~c += 2;~~

}

}

b++;

_____ a, b _____

if (b > a)

{

~~z = b / a;~~

_____ a, b _____

}

}

}