Notes for 1/22

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1 Covered writing the program

1.1 Files Used:

1. Day4Code & Lab

1.2 Notes

→I never downloaded the files for this, so I can't compile yet.

→%5d is the format specifier that should make things align

```java
public class CheckArrays {
    public static boolean sameDimensions(int[][] theA, int[][]theB) {
        return theA.length == theB.length && theA[0].length ==
            theB[0].length;
    }
    public static boolean areEqual(int[][]theA, int[][]theB) {
        boolean result = sameDimensions(theA, theB);
        for (int row = 0; row < theA.length && result; row ++) {
            for (int col = 0; col < theA[row] && result; col ++) {
                result = theA[row][col] == theB[row][col];
            }
        }
    return result;
    }
}
public static int sum(int[][]theA, int[][]theB) {
    int result = 0;
    for (int row = 0; row < theA.length; row ++) {
        for (int col = 0; col < theA[row]; col ++) {
            result += theA[row][col];
        }
    }
return result;
}
```