

Trace nested if/else if/else statements

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- What will get printed onto the console? No IDE!

```
public class NestedMysteryCode {
    public static void main(String[] args) {
        nestedMysteryCode(5, 10, 3);
        nestedMysteryCode(7, 2, 7);
        nestedMysteryCode(4, 4, 4);
    }

    public static void nestedMysteryCode(int a, int b, int c) {
        if (a > b) {
            if (b < c) {
                System.out.println("Case 1");
            } else {
                System.out.println("Case 2");
            }
        } else if (a < b) {
            if (b > c) {
                if (c != 0) {
                    System.out.println("Case 3");
                } else {
                    System.out.println("Case 4");
                }
            } else if (b == c) {
                if (a >= 0) {
                    System.out.println("Case 5");
                } else {
                    System.out.println("Case 6");
                }
            } else {
                System.out.println("Case 7");
            }
        } else {
            if (b == c) {
                System.out.println("Case 8");
            } else if (b > c) {
                if (a % 2 == 0) {
                    System.out.println("Case 9");
                } else {
                    System.out.println("Case 10");
                }
            } else {
                if (c > 0) {
                    System.out.println("Case 11");
                } else {
                    System.out.println("Case 12");
                }
            }
        }
    }
}
```

```
}  
  }  
}
```