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Thread: [Java Whitebox Testing](#)

LOG1T3CH - February 5, 2014, 3:52 am

So yeah, I'm stuck on a homework problem...

Basically we have this piece of code

```
Code public String checkValues(int i, int j, int k)
{
    int match;

    if (!( (i>0) && (j>0) && (k>0) ))
        return "\nInvalid sides for triangle \n";
    else
        if ((i>=j+k) || (j>=k+i) || (k>=i+j))
            return "\nNot a triangle\n";
        else
        {
            match = 0;
            if (i==j)
                match = match + 1;
            if (j==k)
                match = match + 1;
            if (k==i)
                match = match + 1;

            if (match == 0)
                return "\nScalene triangle\n";
            else
                if (match == 1)
                    return "\nIsosceles triangle\n";
                else
                    return "\nequilateral triangle\n";
        }
    }
}
```

and the following task:

Attached to this specification is a copy of the code for a Java method. Your task is to design test cases to exercise the method using the Multiple Condition Coverage criteria.

You must produce the following documentation:

- The set of truth tables arising out of your analysis of the code;
- A completed Test Plan – see the notes.

I've never come accross testing like this before, only really done Blackbox D:

Can anyone help me out? :)

anon123 - *February 11, 2019, 2:19 am*

Do you have the answer to this? :)

Moonfall - *February 11, 2019, 4:19 pm*

(Feb 11, 2019 03:19 AM)anon123 Wrote: [\[CITE\]](#) Do you have the answer to this? :)

Dude, this is from 2014 and the account is closed. Please pay attention and don't necro-post.