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Thread: [GCD java code](#)

jroh97 - September 29, 2014, 5:45 pm

Here is my code.

```
import java.util.*;
public class GCD
{
    public static void main (String args [] )
    {
        Scanner reader = new Scanner(System.in);
        int a, b, x, d = 0, c = 0;
        String response;
        do
        {
            System.out.println("Please enter first number to find GCD.");
            a = reader.nextInt();
            System.out.println("Please enter second number to find GCD.");
            b = reader.nextInt();

            for (x = a-1; x>=1; x--)
            {
                c = a%x;
                if (c==0)
                {
                    d = b%x;
                    if (d==c)
                    {
                        break;
                    }
                }
            }

            System.out.println(x);

            System.out.println("Would you like to go again?");
            response = reader.nextLine();
            response = reader.nextLine();
        }while ( response.equals("yes") );

        System.out.println("Have a nice day.");
    }
}
```

Why doesn't it work. We haven't learned the methods so we have to use loops. Can anyone help me out?

koolkid - September 29, 2014, 6:46 pm

Firstly OP please edit ur post and use the Code Tags whicj makes ur code readable

Kody1169 - September 29, 2014, 7:44 pm

What do you mean it "doesn't work"?

I think you should fix this for some reason...it's like a pet peeve.

Code while (response.equals("yes"));I'd make that ignorecaps...or...

Code response = reader.nextLine().toLowerCase();

That way instead of

Code Would you like to go again?

YeS

Have a nice day.It does...

Code Would you like to go again?

YeS

Please enter first number to find GCD.