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Thread: [Repeat first while loop if condition in second while loop is true](#)

prodigyhf - September 1, 2017, 5:22 pm

Hey guys. Trying to figure out how to get the first while loop to repeat if the if statement inside the second while loop is true.

```
Code import java.util.Scanner;
import java.text.*;
```

```
public class TemperatureConversion
{
    public static void main(String[] args)
    {
        System.out.println("Welcome to the Temperature Converter\n");
        Scanner scChoice = new Scanner(System.in);
        Scanner scTemp = new Scanner(System.in);
        Scanner scCont = new Scanner(System.in);
        String choice;
        String cont;
        double finalTemp;
        double fahrenheit;
        double celsius;
        boolean loop = true;
        boolean contAsk = false;
        DecimalFormat df = new DecimalFormat("###,###.##");

        System.out.print("Would you like to convert Fahrenheit or Celsius? (F/C):");
        choice = scChoice.next();

        while(loop = true){

            if(choice.equalsIgnoreCase("f")){
                System.out.print("Enter the temperature:");
                fahrenheit = scTemp.nextDouble();
                finalTemp = (fahrenheit - 32) * .5556;
                System.out.print(fahrenheit + " degrees Fahrenheit is " + df.format(finalTemp) + " degrees
Celsius.\n");
                contAsk = true;
                loop = false;
                break;
            }else if (choice.equalsIgnoreCase("c")){
                System.out.print("Enter the temperature:");
                celsius = scTemp.nextDouble();
                finalTemp = 32 + (celsius * 1.8);
                System.out.print(celsius + " Celsius is " + df.format(finalTemp) + " degrees
Fahrenheit.\n");
                contAsk = true;
                loop = false;
            }
        }
    }
}
```

```

        break;
    }else if (!choice.equalsIgnoreCase("f") && !choice.equalsIgnoreCase("c")){
        System.out.print("Error: invalid entry\n");
        System.out.print("Would you like to convert Fahrenheit or Celsius? (F/C):");
        choice = scChoice.next();
    }
}

System.out.println("Continue? (Y/N):");
cont = scCont.next();

while(contAsk = true){

    if(cont.equalsIgnoreCase("y"))
    {
        loop = true;
    }else if (!cont.equalsIgnoreCase("y") && !cont.equalsIgnoreCase("n")){
        System.out.println("Error: invalid entry\n");
        System.out.println("Continue? (Y/N):");
        cont = scCont.next();
    }else if (cont.equalsIgnoreCase("n"))
        return;
    }
}
}

```