Technical documentation - heat unit converter

The code

“//this is just where i imported scanner tool
import java.util.Scanner;
public class project {
    public static void main(String[] args){
        //Here i made a scanner tool so we could get user input so we know if wer converting C or F
        Scanner input = new Scanner(System.in);
        System.out.println("Heat unit coverter");
        System.out.println("Enter C/F for celcius or fahrenheit");
        String choice = input.nextLine();
        /*Here i made a simple if else logic if they enter F,f it would tell us wer converting celsuis to fahranhiet or if they entered
         C,c it would tell us wer converting fahrenheit to celsuis*/
        if (choice.equalsIgnoreCase("F")){
            System.out.println("Please enter celsius");
            double celcius = input.nextDouble();
            double CoFharenheit = (celcius * 9/5) + 32;// this is the formula for converting celcius to fahranhiet
            System.out.println("The converted celcius is " + CoFharenheit + "F°");
        }else {
            System.out.println("Please enter fahrenheit");
            double fahrenheit = input.nextDouble();

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        double CoCelsius = (fahrenheit - 32) * 5/9;// this is the formula
for converting fahrenheite to celsiuse
        System.out.println("The converted fahrenheit is " + CoCelsius
+ "C°");
      }

   }
}                                                                    “
```

In this code to get user input, we use scanner which is a way to get said input from the user. The logic is to ask the user for a letter, C for Celsius or F for Fahrenheit.

In this if else logic we set a condition so that if the user inputs F(or f, both work) it will direct the code to the part where we ask the user for the Celsius so that we can convert it to Fahrenheit (this is the formula: C x 9/5 + 32) and to make it more optimised we just make an else statement since if it’s not one, it has to be the other option. So the code continues to convert Fahrenheit into Celsius