

```

for(int i = 0; i < letters.length; i++) {

    //is one character doesn't equal its reversed counterpart t
    if(letters[i] != letters[letters.length - i-1]) {
        boolean palindrome = false;
    }

    //if boolean palindrome is false then will output that the phra
    if (palindrome == true) {
        System.out.print("The phrase entered is not a palindrome");
    }

    //if palindrome is true then it will output that the phrase is
    else {
        System.out.print("The phrase entered is a palindrome");
    }
}

```

The palindrome is not working when I try to use the if statement when outputting messages

```

for(int i = 0; i < letters.length; i++) {

    boolean palindrome = true;

    //is one character doesn't equal its reversed counterpart th
    if(letters[i] != letters[letters.length - i-1]) {
        palindrome = false;
    }

    //if boolean palindrome is false then will output that the phras
    if (palindrome == false) {
        System.out.print("The phrase entered is not a palindrome");
    }

    //if palindrome is true then it will output that the phrase is a
    else {
        System.out.print("The phrase entered is a palindrome");
    }
}

```

I initialized palindrome variable before the if statement to make it work and changed the if statement conditions but it still says its wrong for some reason even though it shouldn't

```

boolean palindrome = true;

//check if phrase is palindrome by checking if each character equals its reversed counterpart
for(int i = 0; i < letters.length; i++) {

    //is one character doesn't equal its reversed counterpart then it's not a palindrome
    if(letters[i] != letters[letters.length - i - 1]) {
        palindrome = false;
    }

}

//if boolean palindrome is false then will output that the phrase is not a palindrome
if (palindrome == false) {
    System.out.print("The phrase entered is not a palindrome");
}

//if palindrome is true then it will output that the phrase is a palindrome
else {
    System.out.print("The phrase entered is a palindrome");
}

```

I think i got confused with the white spaces because i genuinely thought i was initializing boolean palindrome outside of the for loop