In Class Exercises

1) Your friend has written this simple JavaScript program that is supposed to display the approximate circumference of a circle with a radius of 10. However, when she runs the code, she only gets this undesired result:

Can you help her fix the code? Write in any lines that may be missing!

```javascript
function circ(radius){
    var circumference;
    circumference=radius*2*3.14;
}
var result=circ(10);
alert("The circumference is "+result);
```

2) Here's a function that takes two arguments. If the two are identical, it should return 1, otherwise it should return 0. Please fill in the blanks!

```javascript
function isEqual(a,b){
    return 1;
    return 0;
}
```

3) Take a look at this function:

```javascript
function checkTemp(temperature){
    if(temperature == 32){
        return "We've reached the freezing point";
    }
    if(temperature <= 50){
        return "It's nice and cool outside";
    }
    if(temperature < 32){
        return "It's below freezing";
    }
}
```

What will `alert(checkTemp(32));` display?

What will `alert(checkTemp(45));` display?

What will `alert(checkTemp(22));` display?
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4) Complete the JavaScript function to increase the number displayed inside the paragraph every time the user clicks on it! The `parseInt` function just converts the string (HTML is always a string) to a number format so you can do Math on it.

```javascript
<script language="JavaScript">
  function increment(para)
  {
    var oldValue=parseInt(para.innerHTML);

  }
</script>
<p onClick="increment(this);">1</p>
```

5) Now write a function that takes two numbers as parameters and writes their sum to the paragraph you saw in the previous question!

6) Develop the complete GoDn function. You should write down all of it, even if it seems too easy!