JS questions

1. Implement the ensure function so that it throws an error if called without arguments or the argument is undefined. Otherwise it should return the given value.

```
function ensure(value) {

}
Const a =1
ensure(a)
Const b  = false
ensure(b)
ensure()
```

2. Implement the removeProperty function which takes an object and property name, and does the following:
   If the object has a property, the function removes the property from the object and returns true; in all other cases it returns false.

```
function removeProperty(obj, prop) {

}
```

3. Function appendChildren should add a new child div to each existing div.

   For example, after appendChildren is executed, the following divs:

```
<div id="a">
  <div id="b">
  </div>
</div>
```

should take the following form:

```
<div id="a">
  <div id="b">
    <div></div>
  </div>
  <div></div>
```

```
</div>
```

The code below should do the job, but for some reason it goes into an infinite loop. Fix the bugs.

```javascript
function appendChildren() {
  var allDivs = document.getElementsByTagName("div");
  for (var i = 0; i < allDivs.length; i++) {
    var newDiv = document.createElement("div");
    allDivs[i].appendChild(newDiv);
  }
}
// Example case.
document.body.innerHTML = `
<div id="a">
  <div id="b">
  </div>
</div>`;
appendChildren();
console.log(document.body.innerHTML);
```

4. What will be the output and how can you fix it that the output will be as expected.

```javascript
for (var i = 0; i < 3; i++) {
  setTimeout(function() { alert(i); }, 1000 + i);
}
```

5. Create a function that calc the angle between the clock handles. Time 3:15

6. Look and say,
explain how you will implement a function that return the look and say of string of numbers
Examples
input "1" output 11
input "22111332" output 22133221
input "4442" output 4321