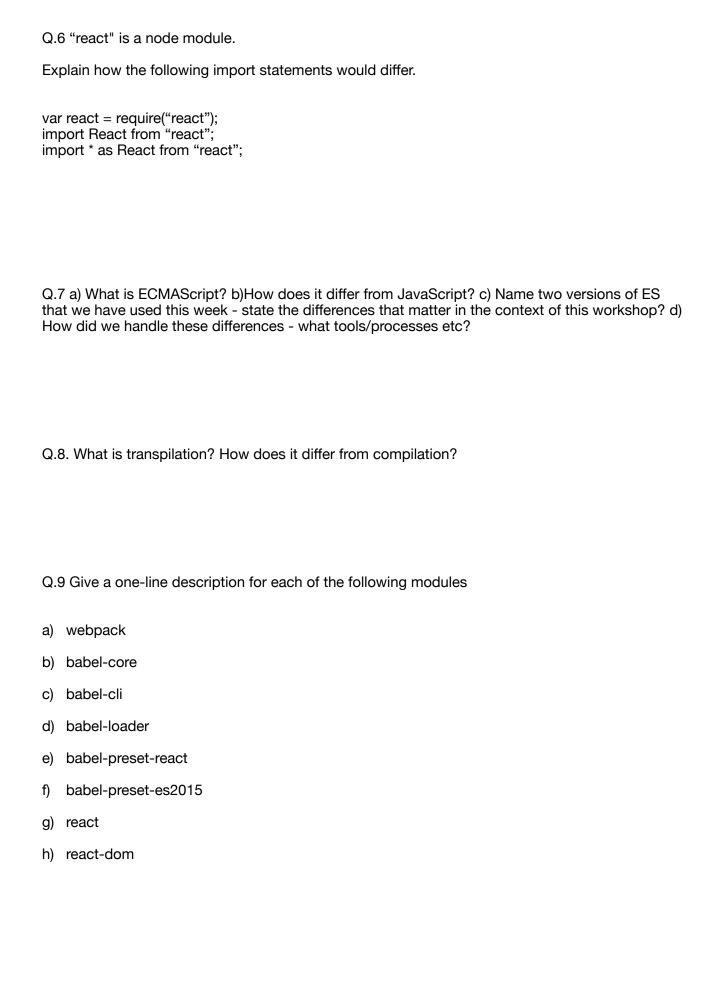
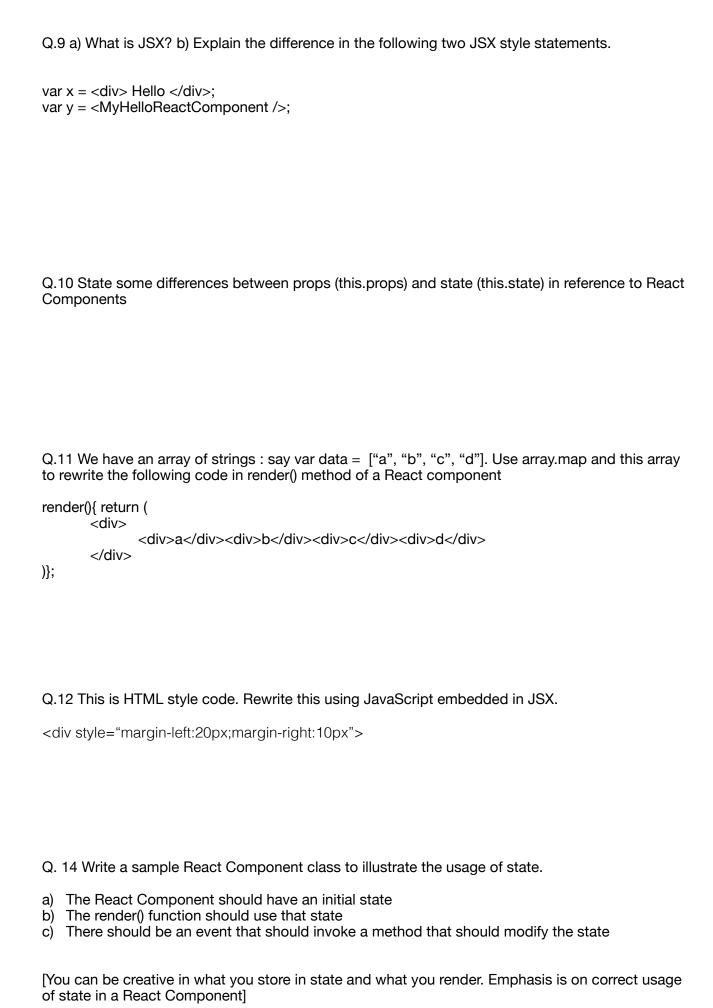
Name				
<pre>function Person(name, surname){ this.firstname = name; this.lastname = surname; }</pre>				
Person.prototype.printName = function() { console.log(this.firstname + this.lastname)};				
Q.1 The above function is an example of				
Q.2 Explain what happens when I call the above function in conjunction with the new keyword? [In more detail than - "A new object is created"! 3-4 step explanation expected]				
var p1 = new Person("Johny", "Depp");				
Q.3 What do Person.prototype and Personproto_ refer to, respectively?				
Q.4 What will be the output of the marked lines and why?				
var p1 = new Person("Johny", "Depp"); p1.printName(); // Output is				
onclick = p1.printName; // Output is onclick(); // Output is				

Q.5 Write the above code using ES6 style classes - (class keyword)





- Q.15 "./node_modules/.bin/webpack —watch
- a) Explain why we need webpack in our codebase?
- b) What does the watch flag do?
- c) Explain what the above command would do with respect to the following config file (explain all configuration parameters used here be verbose)

```
var webpack = require('webpack');
var path = require('path');
var BUILD_DIR = path.resolve(__dirname, 'static/');
var APP_DIR = path.resolve(__dirname, 'src/');
var config = {
  entry: APP_DIR + '/app.jsx',
  output: {
     path: BUILD_DIR,
     filename: 'bundle.js'
  },
  module: {
     loaders : [
          test : \land.jsx?/,
          include: APP DIR,
          loader: "babel-loader"
    ]
};
module.exports = config;
```

- Q.16 What's the difference between export and export default in ES6 style modules.
- Q. 17 React is a declarative language explain this statement.

- Q. 18 This code desperately needs your help! There are so many errors / anti-patterns here. Specify the errors/anti-patterns in each of the Sections.
- A point for identifying each error
- +5 bonus points for identifying >=6 errors
- Mark the issue in the code inline and write short description as a comment.

```
// Section A
import react from "react";
import ReactDOM from "react-dom";
// Section B
export default class SomeButton extends react.Component{
    constructor(props){
        this.state = {name : "Button Has Not Been Clicked"};
    }
    handleClick(event) {
        var new_name = "Button Was Clicked Atleast Once"
        this.state.name = new_name;
    }
    render(){
        <button onClick={handleClick()}>this.state.name
    }
// Section C
export default class Hello2 extends react.Component{
    render(){
        this.props.name = "Hello +" this.props.name;
        return (<div>this.props.name</div>);
    }
// Section D
var somenode = document.getElementByID("app");
ReactDOM.render(<SomeButton>, somenode);
//ReactDOM.render(<Hello2 name={Coding Blocks}/>, somenode);
```

Name				
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Keep this sheet with you. Submit the rest.