1. Manually evaluate this program(Simplify each line where appropriate) and write out its output

```
1.  var grade = 70;
2.  var letterGrade = "";
3.  if(grade > 90){
4.    if(grade == 100){
5.      alert("PERFECT!");
6.    }
7.    letterGrade = "A";
8.  } else if(grade > 80){
9.    letterGrade = "B";
10. } else if(grade > 70){
11.   letterGrade = "C";
12. } else if(grade > 60){
13.   letterGrade = "D";
14. } else {
15.   letterGrade = "F";
16. }
17. alert(letterGrade);
```

2. Manually evaluate this program(Simplify each line where appropriate) and write out its output

```
    var identity = function(value){
      return value;
    };
1.  var valueFromFunction = identity(3);
2.  var valueIndex = valueFromFunction - 1;
3.  var tooComplicated = [identity(1), identity(2), identity(10)];
4.  var finalValue = tooComplicated[valueIndex];
```