COMP90041 Week1 - 6 Checklist (Self-Assessment)

ID	Question	Answer	🙂	😐	😰
0	Is Java a cup of coffee or a programming language?	Java is an object-oriented programming language.	✓		
1	Primitive and Reference type				
2	Java type casting				
3	Is a String variable primitive or reference type?				
4	print, println, printf				
5	Both Scanner and command line argument allow us to take input from users. Difference?				
6	next() VS nextLine() in Scanner				
7	Branching: If else VS Switch				
8	Loops: while VS do while VS for loop				
9	Explain what are classes and objects? What is a constructor for? How can you use a constructor? Are you able to write your own classes till now?				
10	Explain differences between static method and non-static method.				
11	Is it allowed in Java to call a non-static method from inside a static method in the same class and vice versa?				
12	Explain differences between void methods and methods that return results. Explain differences between parameter and argument				
13	What is method overloading? Talk to your friends about one pitfall in method overloading.				
14	Explain public and private that can be a prefix to instance variables and methods. What is a local variable and where can it be used?				
15	How do we use the result returned from a method (think about hyperfunctions/helper functions)? In general, think about how you will call a function from different places in a same class or even from different classes.				
16	What is the special constant null?				
17	Explain the final keyword				
18	Explain this keyword				
19	Accessor and mutator methods Why do we need them?				
20	Explain what immutable objects are				