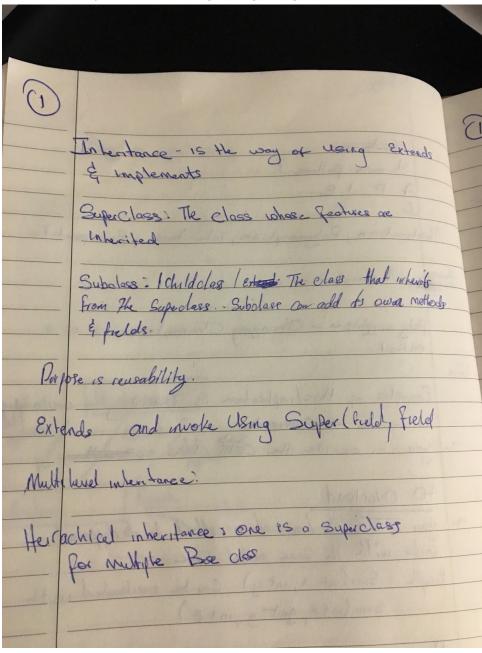
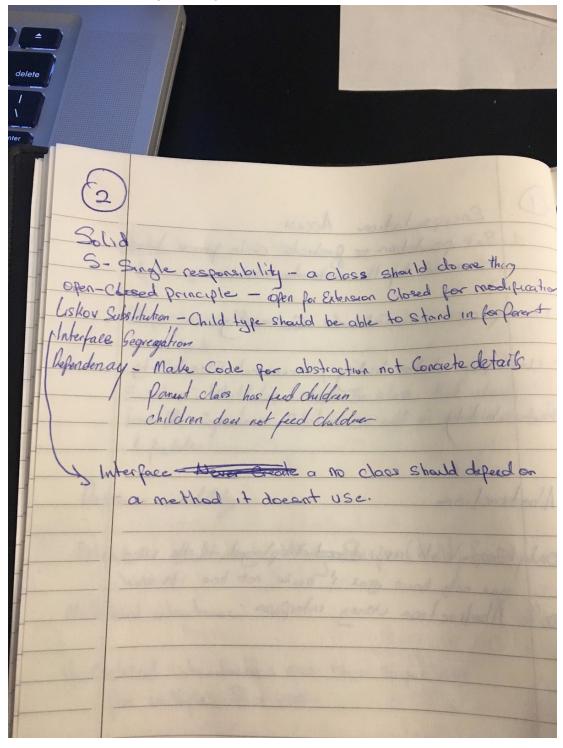
1. What are the 4 main pillars of Object Oriented Programing and give description of each and



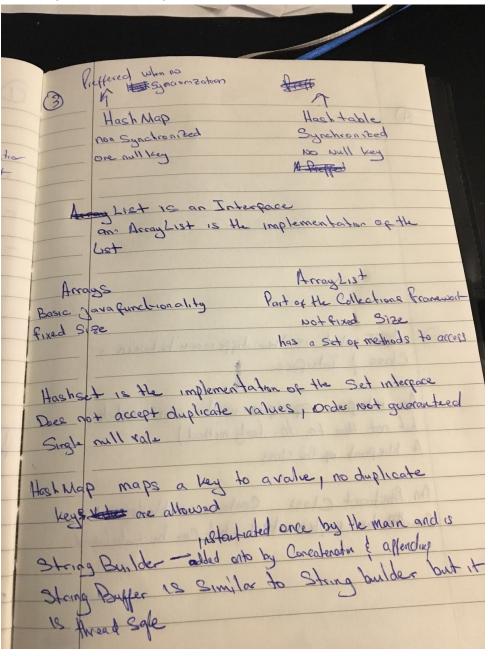
how they are applied

Encopsulation Access Encapsulation - protects code from being accessed by the outside world Using access rual grees Correctly - Used for data hiding , increased Flexibility - Re-usability Abstraction Only Essentials are desployed to the user
you only know oyas & bake not how its verd
loo to Abstraction using interposes 2. What are SOLID programming principles and what does each section detail?

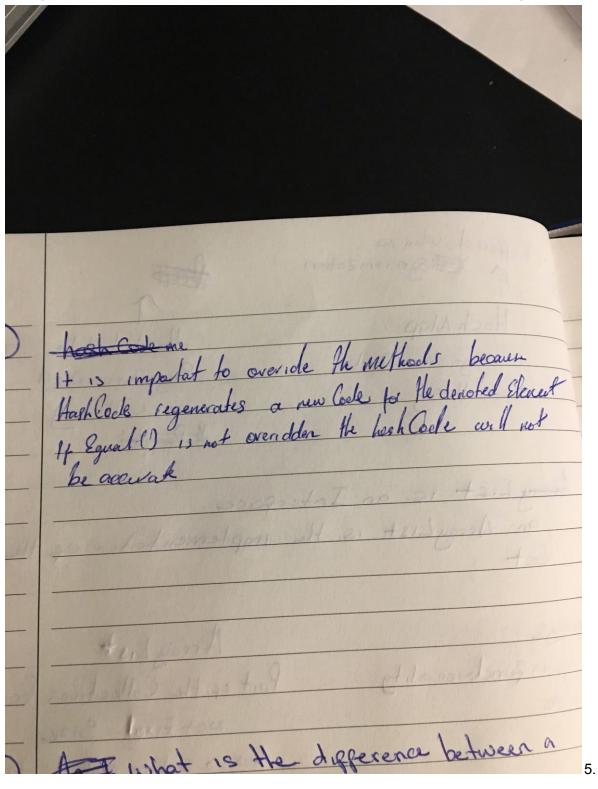


3. What are the differences of the Following:

HashMap vs HashTable
ArrayList vs List
Array vs ArrayList
HashSet vs HashMap
StringBuilder vs StringBuffer



4. Why is it important to override the equals and hashCode methods for Java objects?



5.) What is the difference in an Abstract Class and an Interface? Hashlock regenerates a new Coole for He denoted Elexent It Equal() is not overden the bash Coole will not be accorde It is important to overide The may Act what is the difference between a Class & Interface An interpare specifies what a class must do but not How to do. (only method) A bluepoint of the class An Abstract Class Contains methods that Canalit be implemented, but can be Subclassed