3. i In the above scenario inheritance can be used to capture and process students' details by creating a base class for all students and creating child classes of their respective courses of study. Example ICT courses can have a base class called ICT with subclasses certificate, diploma and degree. The course BSC-IT mentioned in question 3 – I, will hierarchically inherit the class degree which was initially a child class of the ICT base class. This inheritance can also be applied to law and business faculty mentioned.