Day1Assignment2

Ans a. Following are the attributes of the class Student. studentId, studentType, studentName, Marks residentialStatus, feesPerMonth, semesterNo. It can have few methods like calculateFee, CalculateMarks, View Marks and Attendance. All the attributes will have private accessifier and methods will have public accessifier.

Ans b. We need to write three different method, all with same name and same signature. But the functionality while implementing the methods will be different in all cases.

Ans c. The implementation would be different for the calculation of the fee for host-elite and Day scholar, which will be implemented in sub class of Student. But we only need one method calculateFee in Student class which can be over ridden for the same.

Ans d. a - encapsulation

b – polymorphism and Inheritance

c – polymorphism and Inheritance