**Lab Exercise No:**1

**Exercise:***Create a class called Shape3D with the following method signatures alone, volume () and*

*surfaceArea (). Then create subclasses like Cylinder, Sphere, and Cubeetc and implement*

*these methods.*

**Lab Exercise No:**2

**Exercise:***Create the classes required to store data regarding different types of courses that employees*

*Ina company can enroll for. All courses have name and course fee. Courses are also either*

*classroom delivered or delivered online. Courses could also be full time or part time. The*

*program must be menu based input which enables the course coordinator to register*

*employees for courses, list out employees registered for specific courses, deregister employees*

*from a course.*

**Lab Exercise No:**3

**Exercise:***Create two abstract classes namely Drawable and Fillable. Create class called Line, Circle, Square and implement following methods .*

*<I>Drawable ------ drawingColor(), thickness()*

*<I>Fillable ---------- fillingColor(), size()*

**Lab Exercise No:**4

**Exercise:***Create a matrix class which represents matrix of size entered by used and make functions to input data in matrix , to display matrix and two add two matrix objects.*