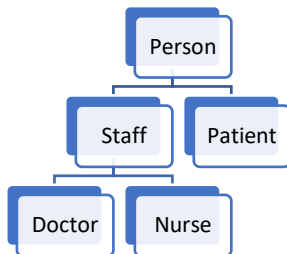# Lab Exercise on Packages

Question 1

Create a class **MATRIX** in a package called *<<yourname>>*. Include a read and print methods to input and output a matrix elements. This class should also include methods to add and subtract two matrices.

Create a TestMatrix class in a default package and let this class to access all the methods of the class MATRIX.

Question 2

Consider the inheritance model given below.

where each class is defined in a different package and the class **HospitalDatabase** has a list of patients, doctors and nurses defined in another package. This class should read and display the complete employee's and patients data of the hospital.