

### Assignment on Containment:

1. WAP to have Department class created with id, name . Student class has roll, name and Department object should have id and name. Assign and print individual values in main method
2. WAP to use containment for following hierarchy. Fill all data and print all data: (id is a integer number, name is a String)

Class Institute

id

name

Branch

id

name

Subject

id

name

Topic

id

name

SubTopic

id

name

Question

id

name

3. Create class Person which has attributes (name, gender, age, Address). Address is class which has attributes (city, state, country). Display Persons data

Note. Containment using constructor and getter/setter

4. Create Employee class which has attributes (id, name, salary, dept, mydate). Where dept and mydate is class, dept has (dept\_id, dept\_name) And mydate has (day, month, year).

Display Employee information.

Note. Containment using constructor and getter/setter

5. Create shallow cloning of 4<sup>th</sup> e.g
6. Create deep cloning of 4<sup>th</sup> e.g