Assignment - 3

1. create class Student and create 2 objects of Student using new keyword
2. Now id, name in student class. assign value to id, name there Itself and in main method print values then change value of instance variables and again print the values (Observe you cannot access id directly without creating object)
3. Create getId() method in Student class. call getId() method from displayData method so that you know that one method can be called from another method. Return id from getId() method and set that id to the instance variable in displayData method.
4. Add display method inside Student class change values of id, name in that method & also print the changed values in same method. Call display method from main method.
5. Write a program to copy values of one object into another by assigning the values of one object into another.
6. Create a class Account containing following methods -
   insert () to insert account data
   display () to display account information
   deposit () to deposit amount
   withdraw () to withdraw amount
   check_balance() to check balance
7. Write java Program for arithmetic operation for each operation write separate Method using parameter passing and return type.
8. Create one class Employee (id , name, salary) with private access modifier and create getter and setter.
9. Give the real time example of encapsulation with code.
10. Create a class Student with 4 variables called as rollNo, admissionNo, age, courseId.Each of the variables should have one of the access modifier - public, protected, no-access-modifier and private.Add 4 methods in the class – public, method doPublic, no access modifier method doDefault, protected method doProtected, private method doPrivate.

a. In main method outside the class but in same package – create object of type Student.
b. Try to access rollno outside the class.
c. Try to access age outside the package.
d. Also try to access private methods outside the class and protected methods outside the package.