1. Write the class Date having attributes like day, month & year. Add default & parameterized constructors. Add getters & setters. Add method to print the date. Add method to swap two dates.
2. Write a class ComplexNumber having attributes real & imaginary. Add functions like add, subtract, multiply & swap.
3. Write a class Account & add methods like deposit, withdraw, print etc.
4. Write a program to implement a Stack using arrays as follows-

class StackedArray {

int ary[];

push(--) { }

pop() {--) {}

}

1. Write a program to implement a Queue using arrays as follows-

class QueuedArray {

int ary[];

push(--) { }

pop() {--) {}

}

1. Write a single tone class. Confirm that single tone class cannot be inherited.
2. Write java classes to build doubly linked list. Add functionalities like add new node, insert node, delete node, count nodes & print linked list.