Object oriented programming using JAVA - LAB

Assignment 7
Total mark – 60

Topic: package, Exception Handling

Sl. No.	Question
1	Create a Package **mypack** which contains one class **Display** where constructor will print the the data which it will be received. The data may be int, float, int[], String, String[]. Design a driver class outside the package where **Display** class of **mypack** will be imported. When object of Display class will be created it will call respective constructor. Demonstrate all the constructors in driver class.
2	Write an exception handling java program to read two numbers n1,n2 and calculate and print the result of n1/n2. If n2 is Zero (0) then it will be handled by exception handler and again ask the value of n2. In the exception handler the program should display appropriate message to the user.
3	Write an exception handling java program to print the index position of an existing interger array. The index value will be entered by user. It will be handled by exception handler if index position is greated then the size of array. In the exception handler the program should display appropriate message to the user.
4	Write a java program to read two numbers x and y and calculate x/(x–y). The program should check the value of x–y. Before dividing with x, it should throw an exception if x–y is zero. In the exception handler the program should display appropriate message to the user.
5	Write a java program to create your own exception which creates insufficient fund exception whenever an account holder in the bank wants to withdraw money greater than that he has in his account?
6	Write a java program to create a user-defined exception called NameFormatException. The program should read a name from the user and throw NameFormatException if the entered name contains any character other than the English alphabets.