Assignment 9

Topic: Exception Handling

Sl. No.	Question
1.	Write a java program to read two numbers *a* and *b* and calculate *a/(a−b)*. The program should check the value of *a−b*before dividing with a, it should throw an exception if *a−b* is zero. In the exception handler the program should display appropriate message to the user.
2.	Write a class called **Account** with the following properties and methods: Properties: String **name**, int**acc_no**,double**balance** Methods: void **deposit**(intamt) void **withdraw**(intamt), void **transfer** (Account acc1, Account acc2, intamt) Assume that an account needs to have a minimum balance of 500. If an attempt is made to withdraw or transfer, which results in balance going below 500, throw auser defined exception called **MinimumBalanceException**. Use throw and throws wherever necessary.

3.	Write a java program to compare names of two persons (first name and last name) and return result as
	      a. Fully matched if both first and last names are same
	      b. Same first names if only first name matches
	      c. Same last names if only last name matches
	      d. No match otherwise.
	      e. **NameFormatException** if any of the Person name has any illegal entry i.e. numberswithin name or name consisting of either one part or three parts.