

ADF-I Assignment 10 – Exception

Write a Java application – **Customer Management System** - to manage the list of Customers with the specification as follows:

1	<p>Creates a class named Customer in package data.</p> <ul style="list-style-type: none">- Fields ID, name, address, bonus- No-arg / parameter constructor to initialise the above fields.- Method<ul style="list-style-type: none">- void accept() : allow user input data into data fields. Using try-catch exception for validation: ID, name is not null. bonus must be greater than zero and less than 1000.toString() : return a string presenting all the details of a customer
2	<p>Create class CustomerCatalog in package data for managing a collection of Customers:</p> <ul style="list-style-type: none">- Fields:<ul style="list-style-type: none">cList – array of customers,count – the number of customers stored in array.- No-arg constructor to initialize the all the fields.- Methods:<ul style="list-style-type: none">- add() - add a new customer into array- searchByName(String name) - search customers having name passed by user.- displayAll() - display all customers.
3	<p>Create main class TEST in package ui that allows user to manage the customers accepted into system through the menu system as follows:</p> <ol style="list-style-type: none">1. Add a new customer2. Search customers by name3. Display all customers4. Exit