

Lab Exercise on Files

1. Write a program to create a text file in the path c:\java\abc.txt and check whether that file is exists or not.
2. Write a program to accept specified number of characters as input, convert them into uppercase characters and save the data in a text file.
3. Write a program for a mail-order company. The program uses a data-entry screen in which the user types an item number and a quantity. The valid item numbers and prices are as follows:

Item-Number	Price
101	100.50
105	175.95
108	220.45
115	280.75
125	300.99

When the user enters an item number, check the number to make sure that it is valid. If it is valid, write the record that includes item number, quantity, price in a text file, otherwise your program should raise a user-defined exception.

4. Modify the above program such that, if the item number is valid, save the record in a file in object format, otherwise your program should raise a user-defined exception.
5. Write a program that reads the data file created by the Q3 program and displays one record at a time on screen and finally prints the total price.
6. Consider a table “Employee” with fields: EmpID, EmpName, department and designation. Write a Java program to perform the following operations:
7. Read employee name, department and designation and insert a new record. EmpID should be generated automatically such that max employee id + 1.
 - a. Given an employee ID, your program should display other details.
 - b. Given a department name, your program should print all employees belong to that department.
 - c. Given a employee ID, your program should be able to change either her department or designation.