CS6308- JAVA PROGRAMMING
WEEK 9- FILE HANDLING

Date: 17-05-2022

1. Write a program to create a Textfile named "telephonedir.txt" which will store the name and the phone number separated by 7 blank spaces. The input is obtained from the user until end of file is encountered. Create another program that will replace the phone number of the name given by the user.

2. Create a class called Invoice that a Grocery store might use to represent an invoice for an item sold at the store. An Invoice should include four pieces of information as instance variables—a part number (type integer), a part description (type String), quantity of the item being purchased (type integer) and a price per item (double). Provide methods constructor with four arguments. Write the array of Invoice objects using method writeObject (class ObjectOutputStream), and read the array using method readObject (ObjectInputStream). The object-serialization mechanism can read or write entire arrays

3. Create a class called Student with four members and membership functions. The members of the class are name(string), age(int), gender(string) and grade(int). The methods are constructor with four arguments Student(name, age, gender, grade), get and set methods.

   Create another class called Studentrecordwriter with constructor and two methods. The constructor with one argument Studentrecordwriter(String outputfile) to create an output file whose path is given from a command-line argument. The methods are write(Student student) and save() to write the student records and storing in into the file.

   Create another class Studentrecordreader to read the student record from the outputfile written by the above question 2 and print the same on the console.