

LAB TASK 15- FILING

Problem 1:

Write a function for writing records of 10 students in a text file named as Record.txt. Store Reg no, Full name, Program, and contact of student.

Output should be like this in the file.

Table 1: Student.txt

i90021 Asad Shafique CS 0300124013

i90022 Shahid Afridi SE 0300124090

i90023 Shaheen Shah DS 0300124071

i90024 Babar Azam AI 0300124043

Now write another function that reads records of all students in a text file Record.txt. Function must read roll no, name, Program and Contact of student. Function must display the records on the console from the file.

Problem 2:

Write a program to implement a telephone directory using formatted I/O file. You should write a class PhoneDirectory for storing the FullName, Number and email of the person. Your program should be capable of writing name, telephone number and email address into a data file phonedir.txt. Then write class functions searchByName: which should read the file and must return the Phone number of searched person and searchByEmail: which should read the file and must return the Phone number of person holding the searched email address. Also write a class function printDirectory which must read the complete directory and print all the records of the directory.