# Lab Task 1

University of Central Punjab

Faculty of Information Technology

Write a program to take inputs the following attributes and write on a file (StudentInfo.csv) 1.RegistrationNumber

2.First Name 3.Last Name 4.Program 5.CGPA

6.ContactNumber

StudentInfo file should be like below:

1

Registration Number , F i r s t Name, L ast Name, Program , CGPA, ContactNumber L1f11BSCS0001 , Sadia , Khan , BSCS , 3 . 27 , 03321234123

L1f11BSCS0021 , Shanya , Khan , BSCS , 3 . 77 , 03321234213 L1f11BSCS0031 , Goree , Khan , BSCS , 3 . 57 , 03321234143 L1f11BSCS0041 , Jemayma , Khan , BSCS , 3 . 85 , 03321234223 L1f11BSCS0022 , Samandar , Khan , BSCS , 3 . 97 , 03321234542 L1f11BSCS0025 , Reham , Khan , BSCS , 2 . 47 , 03321234213

2

3

4

5

6

7

# Lab Task 2

Write a program that displays the name of students whose CGPA is 3.5 or above.

# Lab Task 3

We have some files (department.csv and employee.csv). Write a function that displays those employees who are working in

**Research** department.

**department.csv**

1

DeptID , DeptName 1 , Research

1. , S al es
2. , Marketing
3. , Adminstration
4. , Quality Control

2

3

4

5

6

and employee file (**employee.csv**)

1

empId , EmpName, EmpJoiningDate , DeptId , Contact , Salary , M ari tal S tatus 001 , Imran , 15*/*07*/*2012 , 1 , 03331222567 , 78000 , Married

002 , Saleem , 15*/*07*/*2012 , 1 , 03331233567 , 160000 , Married

003 , Aziz , 15*/*10*/*2011 , 1 , 03331234557 , 74000 , Married

2

3

5

004 , Jem Morison , 15*/*08*/*2012 , 5 , 03331244567 , 78000 , Married

005 , Junaid , 15*/*07*/*2013 , 3 , 03331234568 , 79000 , Married

006 , Jamshed , 15*/*01*/*2013 , 4 , 03001234568 , 45000 , S i ngl e

007 , Asim , 01*/*01*/*2011 , 1 , 03211234568 , 69000 , S i ngl e

008 , Javeria , 02*/*07*/*2010 , 2 , 03003001234 , 145000 , S i ngl e

009 , Zara , 02*/*01*/*2011 , 4 , 03010234568 , 79000 , S i ngl e

6

7

8

9

10

# Lab Task 4

Write a function that display those employee **name** and **salary** from employee (**employee.csv**) file, who earn 1500000 or greater on a year.

# Lab Task 5

Using above **employee.csv** file perform the following operations: 1.Find the Name of The Person who is getting highest salary. 2.display the name whose salary is lowest.

3.Print the total number of employees whore married. 4.Print the name of employees who are single.

1. Print the Average salary of all employees.
2. Print the name of Employees Whose Salary is greater than â A˘IJImranâA˘˙I. 7.Print the name of Employees Whose Salary is less than â A˘IJAzizâA˘˙I.

8.Search and display the information of **Omer**.