

Ojashwi College
BCA – 3rd Semester
OOP in Java

Lab 5: Handling Strings

1. Write a program that formats the name (firstname + (mid-name) + lastname) of person such that it capitalize the initial alphabet and keep rest in lower case.

Eg: RAM PRASAD -> Ram Prasad
 hari gopal acharya -> Hari Gopal Acharya

2. An array contains the names of the staff of an organization. The names may start from upper-case or lower-case. Write a program to sort the names, ignoring the case without changing the values (of name).

Eg: ["Ram", "shyam", "indra", "Pramod", "hari"]

3. A company changes its email domain from @abc.com.np to @pqr.edu.np. The college has array of emails of staff in @abc.com.np. Write a program to convert the existing list of emails to new domain.

Eg: madan@abc.com.np -> madan@pqr.edu.np

padma@abc.com.np -> padma@pqr.edu.np

4. A company has policy to create the username of email by combining the first alphabet of first name, the first alphabet of mid-name (if any) and the full last name.

Eg: Ram Adhikari -> radhikari@abc.com.np

 Sita Devi Mishra -> sdmishra@abc.com.np.

The number 1 are appended if the email already exists for a new staff.

 Shital Dev Mishra -> sdmishra1@abc.com.np

Write a program that creates email id for the list of names of staff.

Eg: namelist = ["Ram Kumar Shah", "Pritam Shrestha", "Ravi Kishor Shah",
 "Mithlesh Chaudhary", "Pramod Shrestha"]

5. Write a program that format the mobile numbers in 10 digit format, removing country code and symbols.

Sample entry: +977-98412837383, 984-1-234-5678, +9841-234-342, 09779801234321 etc.

Write a program to combines all the phone numbers to create a csv (comma separated variable). (Use StringBuffer).