

- Write a program to accept an input string from the user and toggle the character cases.
  - a. For example, \$str=" Hello How Are You?"
  - b. O/p : hELLO hOW aRE yOU?
- Write a program to remove all the vowels from the given string and reverse the string.
- Write a program to count the occurrences of one string in the given string.
  - a. For example, String 1="How is she. Did she call u. She looks after the sheep?"
  - b. String 2="She"
  - c. O/p : (she is repeated 3 times)

#### Associative array

##### Menu Options:

1. Login (Can be three types of users: Admin, user, guest)
2. Exit (Ends the program)

If the user is an Administrator, the operations performed should be:

- a. Add a new user
- b. Delete a user
- c. Change the user password
- d. Change the Admin Password
- e. Logout (Takes to the main menu)

For a guest user, only the Logout (Takes to the main menu) option is visible. However, if the user is a normal user, the following operations should be allowed.

- a. Change Password (should ask for previous password, new password and confirm password)
- b. Logout (Takes the user to the main menu)

#### Packages

Use the package in a program and apply the functions on two array variables (say a and b) to:

- a. Add two arrays (and store it in c)
- b. Subtract two arrays (and store it in d)
- c. Find the minimum and maximum value of the resultant array (c or d)

Sort the resultant array(c or d)

#### File Handling

1.

- Create two similar sequential files, take their names as input. Find out the differences between the two files. Also, print the file name, line no., and the differences wherever differences occur.
- Copy a text file into another by toggling the case of each letter from the source file. ( All capital letters from source file should become small case in the target file and vice versa)

2. Write a program to accept employee information Employee\_name, designation, salary store it in file empdata.dat

Create a package employeeepack.pl add following functions in to the package

findEmp – to find employee based on empno

findempList

- The function accepts designation as parameter and display all employees with the given designation
- addEmp – add employee at the end of file
- displayall – will display all employees

use this package in program testemp.pl

Write a menu driven program to do the following

1. add employee
2. find by empid
3. find by designation
4. Display all
5. exit