

TakshashilAa college, vadodara

T.Y.BCA (SEM- V)

ASSIGNMENT – 1

Subject- 502 UNIX

Date: 26-7-2013

Submission date: 5/8/2013

Year 2013-14

- 1.) Write a shell script for copy one file to another.
- 2.) Write a shell script to find out gross salary of at least 5 employees. Basic salary of employee is inputted through keyboard.
 - If basic salary < 1500 then HRA=10% of basic and DA=90% of basic
 - Otherwise HRA=500 Rs. And DA= 98% of basic
- 3.) Write a script for print prime number from 1 to 300.
- 4.) Write a script for input a string from keyboard and check whether it is start with a small letter, capital letter, small vowel, capital vowel, digit or special character.
- 5.) Write a menu driven program for following choice
 - 'one' → Display message in bold
 - 'two' → Display message in reverse video
 - 'three' → Display message in underline
 - 'four' → exit

If wrong argument is supplied report it.

- 6.) Write a menu driven program which has following option.
 - 1 → Content of /etc/passwd
 - 2 → List of users who have currently logged in
 - 3 → Present working directory
 - 4 → exit.

Make use of 'case' statement. The menu should be places approximately in center of the screen & should be display in bold.

- 7.) Display content of current directory with specify it is a directory or file.
 - E.g File1 → it is file
 - File2 → it is file
 - Dir1 → it is a directory.
- 8.) Write a program to find out factorial value of any number enter through keyboard.
- 9.) Write a script which displays a list of all files in the current directory to which you have read, write and execute permission.
- 10.) Write a script which will receive any number of filenames as arguments. The script will check whether every argument supplied is a file or directory. If it is a directory it should be appropriate reported. If it is a filename then name of file as well as the number of lines present in it, should be reported.
- 11.) Write a menu driven program for following operation

- A. addition
- B. Subtraction
- C. Multiplication
- D. division

Use command line argument.

Use bc command for calculation.

- 12.) Develop shell script that creates 10 files with name BCA01 to BCA10.
- 13.) Write a shell script which copies file1 to file2 without using 'cp' command.
- Validation:
 - i. Check file has read permission, if no, it should print error message.
 - ii. If file2 is exist then it should ask for overwrite it.
- 14.) Write a shell script to take N student information from user. Calculate percentage and class and also write student information in stud.lst file.

Note:

- Create a notepad file for printout & put into your Z:\unix\assi1 folder.
- Header is

 Name:
 ID:
 Calss-Div:
 Assignment No.:
 Defination:
