**Jaypee Institute of Information Technology, Noida.**

**Subject: Unix Programming Lab**

**Lab 7: Shell Script**

**[C373.4]**

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**Read the help document and perform the following:**

1. **Shellscript.pdf**

To create a shell script:

# vi shellscript.sh

• type your script here

• for saving press esc and :wq the file will be saved

• To Run: bash shellscript.sh

***Exercise:***

1. Write following shell script, save it, execute it and note down it's output.

$ vi ginfo.sh

#

#

# Script to print user information who currently login ,current date &

time

#

clear

echo "Hello $USER"

echo "Today is \c ";date

echo "Number of user login : \c" ; who | wc -l

echo "Calendar"

cal

exit 0

2. Write following shell script, save it, execute it and note down it's output.

$ vi sayH.sh

#

#Script to read your name from key-board

#

echo "Your first name please:"

read fname

echo "Hello $fname, Lets be friend!"

**Practice the following problems:**

1. Define variable x with value 10 and print it on screen.

2. Write a script that accepts a name for a variable n and print it on screen

3. Write a script that takes two numbers as arguments and output their sum using (i) bc (ii) expr.

4. How to define two variable x=20, y=5 and then to print division of x and y (i.e. x/y)

5. Modify above and store division of x and y to variable called z

6. Write a script called ‘greetme’ that contains a comment section with your name and will do the following:

a. Ask the user's full name—first, last, and middle name

b. Greet the user by his or her first name.

c. Print the date and the time.

d. Print a calendar for this month.

e. Print the name of your machine.

f. Ask the user's year of birth and calculate his or her age (use expr).