WORKSHEET-4

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Branch: CSE AIML **Section/Group: 21AML-12(A)**

Semester: 3rd **Date of Performance: 13-10-2022**

Subject Name: Operating Systems **Subject Code:21CSH-242**

1. **Aim/Overview of the practical:** Study the basics of shell programming using vi editor

2. **Task to be done:** Understand the basics of hf shell script, apply the operations in shell scripts which are required for different applications

3. **Apparatus**(For applied/experimental sciences/materials based labs)**:** Ubuntu Software, Virtual Machine

4. **Theme/Interests definition**(For creative domains)**:** Understand the basics of hf shell script, apply the operations in shell scripts which are required for different applications

5. **Steps for experiment/practical:**

   a) Step 1. Open up a terminal

   b) Step 2. Use a text editor to create the file using nano.

   c) Step 3. Compile the program using bash.

6. **Observations/Discussions(**For applied/experimental sciences/materials based labs**):**

```
suryaprakash@SuryaPrakash:~$ echo "hello world"
hello world
```

```
echo "enter any number :"
read n1
if[ $n1 -gt 30 ]
then
echo "no"
else
echo "yes,lessthan 30"
fi
```

```
suryaprakash@SuryaPrakash:~$ nano 4
suryaprakash@SuryaPrakash:~$ bash 4
enter any number :
2
yes, less than 30
```

7. **Percentage error (if any or applicable):** Few implicit warnings.

8. **Calculations/ Chemical Reactions / Theorems /Formulas used etc : N/A**

9. **Graphs (If Any): Image /Soft copy of graph paper to be attached here: N/A**

10.Learning outcomes (What I have learnt):

1. Learnt to use terminal in Ubuntu.
2. Learnt to use code editor in Ubuntu.
3. Learnt to compile a c file here.
4. Learnt to run a .c file in Ubuntu.

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			