Expt. No. DAY 5 (Shell programming)

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	woulte a shell script to " (Os 1,2,3,4,7)
Os	woulte a shell script to -
	add two numbers, compare two numbers, check whother odd
	or even, sum of the digits and suverse of a number.
A 2000)	# 1 bin bash
MBI	echo enter number 1
	nead n1
	echo enter number 2
	gread n2
	sum='expr 4n1 + 4n2
	echo Sum of two numbers is \$ sum
	w to the said
	# compare
	if [\$n1 -gt \$n2] 101
	echo &n1 is greater than &n2 else elif [\$n1 - lt \$n2]
	else elif \$n1 - lt \$n2]
	Haan
	echo \$11 is less than d12
	else echo both one equal
	fi con the contract of the con
	# odd on even
	then
	echo even number
	else
	echo odd number
	Teacher's Signature :

```
# sum of olights
 5=0
 for ((1=$n1; i>0; i=$i/10))
 do
      21 = 1expr $1 % 10
      S= /expr $5 + $71
 clone
      Sum of digits is is of number & n1
# ouverse of number
 31=0
  while [ $n2 -gt o]
 do
     K = expr 4n2 % 10'
     M= 'expr $ 7 10 + $K'
      m2 = lexps 4 m2 / 10'
 done
                  saff reserve a tort
  echo reverse Rs $32
  enter number 1
  enter number 2
  456
Sum of two numbers Ps 579
 123 Ps lesser than 456
 odd number
 Sum of digits of number 123 is 6
 Reverse of the number 13 654
```

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(6)	would a shell scorpt which support names and sizes of
<u>ٺ</u>	all files in a discontinu whose size exceeds 150 bytes.
	The file name should be nounted in secreating order of sites
	The filename should be posited in decreasing order of sites the total number of files should also be printed
	The latest of th
Ana	#1/bm/bash
ردين	# 1/bm/bash Ls -1 \$1/to -s ' cut -d ' -f5,9 sort -nr > temp
	echo list of files with size greater than 150 bytes
	while read x
	do
	150 1 101
	8f [size -ge 150]; then
	8f [size -ge 150]; then site1='echo &x cut -d'-f2'
	echo \$size1
	P='expr 48 + 1'
	Peho \$size1 P='expr \$P + 1
	done 2 temp echo total \$i files are there in directory \$1.
	DUTPUT
	& ch shell10.sh shell
	& Rist of files with site greater than 150 bytes
	shell add-sh
	shell S. sh
	shellaur-sh
	shella:sh
	Septido-st
	total 4 files are there in disectory shell
	Teacher's Signature:

(11) write a shell command that accepts a filename as orguement and displays last modification time if tile exists and suitable message if does not. Ans) # /bin/bash Pf [\$# -ne 1] echo "not valid arguement". else le -1 \$1/to-s '/ cut -d ' - f6,7,8 40 DUTPUT 4 sh shell11. sh myfile Aug 7 15:26 (12) write a shell script that accepts two directories namely ost and ost as organite and deletes those files in ost which are identical to there names in ost Ans) # 1/bin/bash 9f [# -ne 2] then eeno Privalid augument else ls \$1 > temp while head & le \$2 | grep &x > temp1 of [-s temp1]

done titemp

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le \$1; 15 \$2 · have no commune	4x4 x 4 x 4
OUTPUT	AND THE STATE
\$ sh shell12.sh os1 os2 fl f2 f3 f4 f5 f00	
£55 £56	24.1% 1.754
13) would a shall scorpt to list the name of	the under the
current dispectory stanted with vowels	j
And #1/bin/bash 15 grep '^[AEIOUaeiou] > tem	op # for end
while pread a ; do	# '[AEIOVACIOY]
echo 42	1 1
aloge z temp	35/4
O19TPIT	1)
add 1·sh	
0.txt e.txt	
i. +x+	That while resident
	To the second of
	E CAMICA TAMES
Teacher's Sig	nature:

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H/W 5,618) worke a shell script to: maximum of 3 nois
b) division of one by another & check office sur by zono
c) prime number or not. Ans) # bin/bash echo enter number 1; read n1 eeno enter number 2; read ne eeno enter number3; send n3 if [\$n1 -gt \$n2]; then if [\$n1 -gt \$ n3]; then echo frit is highest else echo sns is highest else If [4n2 -gt \$13.]; then echo \$12 is highest elce echo \$13 is highest fi 4º OUTPUT enter number 1 enter number g enter numbers 1 is highest

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D) # 1/bin/bash	
echo enter number 1; gread n1	
echo enter number 2, ruad n2	
Pf [\$n2 - og 0]	
then	*
echo sinistan by o is not possible	
else	
dir = expr 4n1 / \$n2	
ren= expr &n1 1/0 \$n2	
eeno Quotient is foliv and Remainder is from	
li li	
OUTPUT	
enter number 1	
25	
enter number 2	
4	
Quotient Ps 6 and Remainder is 1	
c) # 1/bin/bash	
echo enter the number	
read n1	
P=2	
12=1exps \$1 /4 \$1'	
colcile [lexpr \$P \x 41' - le 4n1]	
do	_
If ['expr 4n1 % 4i' -eq 0]; then	
eeho \$n1 is not prime	
bouck	
1 let 9++ Toucher's Since	
Teacher's Signature:	_

if ['expr \$i \" \$i' -gt \$n1]; then eeno In1 is prime H3 OUTPUT enter the number 13 & 13 lesime.