

	Week 4: Shell Script Programs.
$-\parallel$	
1.	write a Shell sinft to find the factorial of a num
	37
	y hame fait. sh.
	etho "FACTORIAL"
$-\parallel$	read - p: "Enter a number: " num
$-\parallel$	fait = 1
-#	while (\$ nun - st 1)
$-\parallel$	die
	((mm p " trap (2)) b= trap
	nun = 1 (14 nun-1)
- 11	done
	who I fout.
	OUTPUT:
	FACTORIAL
	Enter a number: 5
	130 .
	, a final control of the control of
a -	Write a shell script to perform arithmetic operations on
╝.	ture numbers.
\downarrow	· w offer and go
_	nano withmeti. Sh
4	# 1 / bin /bach
\parallel	12-21 -11 17 m
- 11	echo " Enter 2 Numbers:"
- (
- 11	head a
	read 5
	read 5

echa "3) Muttiplication " echo "4) Diminon (Ornation) " echo "5) Moduly (Romainder) h" read of Care 5 of m
echo "4) Division (orustient) echo "5) Moduly (Romainder) \ h" read of
read of
read of
Can to a wi
3117401734
1) enho " scale = 3; & a + \$ 5" b (-1;)
2) who "scale=3; 49 -95" [6(-1;)
3) cela "s cale = 3; q q 4 6 5 " 5 (-1)
4) cho "Scale = 3; 4 a / \$5" 15(-1;)
T) celu "Scale = 3; \$ 9 7.85" /5(-1;)
ot) cha " Chaor a valid reption"?
esac.
700700
Enter 2 Numbers:
10/10/19/
Enter operation:
2)
1-10.
as me that it made in made and Their that a started to
3. Write a shell swift the final the sum of even
humbers extre h.
No of the control
hano cum of n . ch
1 / bui /bank
read - p "Enter number:"
Sum = 0
who "Diath;"
while (3 - le \$n) " of a contraction of the
do " and 1 A (!!) and o
who "si" "instative (2" will



	sun = 4 ((\$ sun + 4 i)) + 11 in 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	i = 4 (14i+21)
	The land done is rough int more Today rough the land
F 17	etha "sum" = \$ sum".
	trained and post of the second of the
	OUTPUT:
	Enter number: 6
	Digity:
Ĭ	20 1 28- 128- 128- 128- 128- 128- 128- 128
	9 "FAOT A. J. So alon" - to
	6
la u	Sum = 12.
	and of the American American
٧.	Unite a shell sinft to final the power of a wonder.
3	
4	name power. sh.
	All bin I back lead thends it the
	ceho "Enter the number"
	recep n
	who "Cuty Emponent!"
	need n
	Now =)
	while II n -pt o)
	do
	hon = 1 ((long u))
devis	n = 1 ((n-1)) / 2 m
	done
	also spon
	TUTTUO;
TA.	Enter the number
	3
	Entry Caponent:
	3
	N. S.

	Page
Š.	John a grey graph
	head the over input from the over (yer or no) oftion. Assume the pointly way in which over may enter the white If they gui any cases of yer point "A preed! of they gui any cases of no then ent. with 1.
4	hans aucht. Sh # 1 / bin / bash who "Cites the character [y/n]" seed n
1. 4. 4. 7.4.	care "\$n" m' y Y) cho "Agreed";; y N) ent;;
	esal OUTPUT: Enter the character (y/n)
	Agreed.
	The state of the s