1)	wni	te	a	Shell	Script	+0	find	the	Pe	actorial	value
	of	a	ney	inleg	r enlea	red	throu	igr.	the	Keyboar	rd.

read num

fact = 1

while [\$ num - gt 1]

do

fact = \$ ((fact & num))

num = {((num -1))

done

echo \$ fact

2. Write a Shell Script to generate all combinations of 1,2 and 3.

为 # 88 2 6

Shell Script to generate all Combinations of

wage: SS26

for in 123

do

For j in 123

do

for k in 123

do

echo \$i\$j\$K

done

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1,000	
4	write a shell Script to Calculate the Sum of digits of any number entered through Keyboard
	→ echo finter a number "
	read num
	Sum 20
	while (\$ num - gt o)
	do
	mod = \$((num (0 10))
	Sum = \$ ((sum + mod))
	num = \$ C(num / 10))
	done
	echo grum
5)	Rajech's baise Salary (BASIC) is imput through
780	Rajerh'e baise Salary (BASIC) is imput through the Reyboard. His dearners allowence (DA) is 52%.
	of BASIC. House Sent allowence (HRA) 4 15%
	of BASIC Contributory provident fund is 12% of
	(BASIC POA). Write a shell script to calculate me
	gren Stary and take home Salary wing the follow
	1708 COLONUS - SHICT DAT HER
	Take home Salary = gross salary - while
	-) elso " Pleage Enter Basic Salary".
	good banc
	enco 4 Please enter foir HRA4.
	nead HRA.
	eeno « preane enter tour PA"
	read OA
	DA ocho = "Scale = 3, \$ bavic 4 0.52" bc
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3	out	166				
U	at	63				

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HPA echo = "Scale = 3, \$ ban'c \ a 0.15"/bc

CPF echo 2 "Scale = 3, \$ basic \ A 0.12"/bc

echo "DA \(\hat{v}\); \$ DA".

echo "HRA 'u : \$ BHRA"

echo " CPF is: \$ CPF">

NS = echo " Scale = 3 : \$ basic + \$ DA + \$ HRA + \$ (PF

echo 4 Net Salary: \$NB".

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5) output

enter Bosse Salary 1. 50,000

DA : 26000

HRA: 7500

Gross salary: 50000 + 26000 + 7500

= 83500

home Salary = 83,800 - (50000+26000)x0,12

= 83500 -9120

- 7 4,38 0

4) Enter a number 720 Sum of dign't = 9

\$ enter m and n.
\$ 8 10
\$ 3

\$ 7

Cnter du number

\$\frac{1}{2}120