GEETANJALI INSTITUTE OF TECHNICAL STUDIES AIRPORT ROAD, DABOK, UDAIPUR

	Experiment = 5A	Date
Nim + w weeipt	vite is beignam its ifin	nd out over rand odd usting she
lcho" En	to a number"	*
belood in		
rif C'esc	ber \$ a % 2' == 0]	
	1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975 - 1975	
	nlen"	
else		
echo 66 o	olol"	
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Outbut		
	a number	
2	HTCALL COLOR	
eren		
W W/11		
	e .	
		_

Jame Lakshit Ame	ин t	sranch	Sem. LV	INSTITUTE OF TECHNICAL STUDIE
	Experim	ent =5B		Date
Aim: Weit			d guestis	tramong 3 number
elcho 66 Entre	three nea	lue a,b,c"	•	
luead a				
read b				
relad c				
if [\$a-gt e	\$6] &&	[\$b-gt\$	cJ	
then				
ucho 66 a gen	atist"	0		
elif [\$ b -gt	\$ C J X	to CBC -gt	t \$ a 1	
then				
lecho 66 b gues	test			,
lelse	A. 4 9)			
Icho C gelo	WSC			
l fi				
Output				
Enter there	000000			
EMMIN CONSIL	Vuanus	Š		
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<u> </u>				
5 .				
C guestist	Ż			

	Experime			
		m to ifin	nd fourfit	or loss using
Shell scrip	Z			
elcho 66 Enti	er Selling Rei	ce''		
lelad S	O			
elcho 66 Entu	e roost felice	2,*)		
relad C	·····			
if [\$S-9	it & C]			
then			.,,,,	
elcho 66 Perof	<i>E</i> t "			
telse htt.	,,			
echo 66 doss				
ifi				
output				
Enter Selling	a faccice			
300	7 '	***************************************		
Enter Cast	beice			
500				
LOSS.				***************************************
*				

VIRPORT ROAD, DABOK, UDAIPUR



Branch CSE Sem. IV ™ & Branch CEETANJALI Aim: White a while societ to sprint lable of a your number. Date "((1, *11) = = 1 (1 m * ")" Experiment = 6A elcho "Entre ia Number" $\vec{J} = \$ ((\vec{J} + 1))$ ushile [\$i-1010] Entau va Number Name datakhit Anneta. 5x2=10 5×3 = (5 20 5×5 = 25 5×6= 30 Output ullead m Ex n = word. 5×1 200

5×7=35

5x8 = 40

45

5×9=

5×10= 50



Name dakshirt Ameta. Branch CSE Sem. III - 6.46-8... INSTITUTE OF TECHNICAL STUDIES AIRPORT ROAD, DABOK, UDAIPUR

Aim - Write a whell wright to speant worm of wigit of somy Expeniment = 68 number.

loho - n " Ently numby: "

recool m Bod = 0 sum=0

uskile [\$n-9t 0]

200

Sol= \$ ((m\$ \$ m % 10))

Sum = \$ ((\$ sum + \$ sd)) ((01) w\$)) \$= w

Sone

selve "sum of vall digit is & sum"

Output

Entre number: 1234

Sum of well digit is 10

J	1	J
N		1

J	L	LALI MGA S
-		ETAN
	7	3

Name Na KA Ait Man A Branch CSE Sem TW SR-6: INSTITUTE OF TECHNICAL STUDIES	Experiment = 6C	Nim: - Write a shell weight to yind yartovial of any number	leke "Entak va nuamble"	Read 21	wall [\$m-gt 1]	t = \$((f * m))	n=3 (m-1)	2008 & F	output Forth in mismble	2
Name Na.k	***************************************	8	391	- CR.O.	37		Nov	9	ि ह	



5) Loho "Fruidory";; 4) Leho "Estrudory";; *) leho "Estrudory";; *) leho "Estrudory";; Coutput Coutput 6	Thim: Wanta a number" as emil sea of a week. Thim: Weak & number" as in the work of a week. 2) who "Sunday"; 2) who "Monday"; 4) who "Monday"; 3) who "Monday"; 4) who "Monday";
--	--

Feriolog.

	Experim	ent = 4B		Date
	uite a shell osc			
ikerforms in	ldition, subtract	tion, Multip	lication, valiv	ision.
lch9"1.7	Iddition"			
ilcho "2. 6	ubtraction"			
echo "3.1	ultiplication"			
Icho "4. 5	iteisiem"			
illard C	***************************************			
case & c	in			
1) lecho "S	um \$ (ca+b))";	.		
2) recho " si	ptraction \$ ((a-	b))" ;;		
	ultiplication \$ ((
4) ilcho "io	livision \$ ((a/t	2))''	+	<u></u>
*) lecho "	inter realist applications	exaction"		N. C.
esac				
Output				
Entur Tu	o numbers:			
2				
2,				
Embu ch	oice:			
1. Addition	n			
2. Subtract	<i>ion</i>			
3. Multipli	cation			
4. Division				
1.				
Sum 4.				

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Expuiment = 3A	Date
Aim+ whente is whill script to find a	number is Humstering or
not.	
elcho" Emeter the number".	
uad n	
yunction rams	
<u>f</u>	
$t = s \gamma$	
S = 0	
b = 0	
C = 10	
while [\$n-gt \$b]	
do	
n=\$((n% c))	
i=\$((n*x*x))	
s= & ((s+i))	
n=\$((n/c))	
done	
lcho \$ 5	
il [\$s ==\$t]	
9	
then	
echo" Aumstrong Number"	
else	
loho" Not ran Winstering number"	
fi }	
asult = ams & n	
icho "& gesutt"	

output

Enter the number

153

153

Mrsnstuong Number

Enth the number

401

73

Not an Mernetheng Number.

Experiment = 3.8.	Date
Dim - Write a shell script to fi	nd a number is polinebrome or not
lohe "Entre the number"	
selad n	•
function feal	
Į į	·
mumker = \$ n	
sereuse = 0	
ulkile [\$m-gt 0]	
Ido	
a = expa & \$ n % 10	
m = explor & m / 10	
bereuse = lexper & sureuse (* 10 + \$	a` ·
plone	
if to number - eg & neverse]	
then	
ecko" Number is palinduome"	
Olble	
echo" Number is not palinder	- //
Li	9ml:
2	
N. O.b.	
le = pal \$n	
loho"\$ n"	

Output

Enter the number

123

321

Number is not palindrome

Enter othe number

121

121

Number is palindrome

	Experiment = 80	Date
function file \[\frac{2}{x} = 0 \] \[\frac{2}{x} = \frac{1}{x} = \fra	Dim - Weite in so shell script ito pei	nt Fibonacci Series
function file \[\frac{2}{x} = 0 \] \[\frac{2}{x} = \frac{1}{x} = \fra	cloho" flow many number of troms de	De generaled ?"
function fib \(\frac{1}{2} \) \(\times = 0 \) \(\frac{1}{2} = 2 \) \(\times = 2 \) \(\times = 0 \) \(\times	chearlos	•
x=0 y=1 i=2 lesho" Fibracci Levius whto & n trems:" lesho" \$ x" while [\$ i - t \$ n] slo i= `enfor \$ i+1` z= `enfor \$ x + \$ y` lesho" \$ z" x=\$ y y=\$ z done 3 n=`fib\$n`	The state of the s	
y = 1 il = 2 lesho "Fibonacci Series upto & n Items:" lesho "\$ x" lesho "\$ y" lesho [\$ i - 1t \$ n] lesho [\$ i - 1t \$ n] lesho "\$ z i + 1 i z = i exper \$ x + \$ y lesho "\$ z" x = \$ y y = \$ z dene 3 n = i fib \$ n	£	
i = 2 lesho "Fibonacii Benius upto & m trums :" lesho "\$x" lesho "\$y" lesho "\$y" lesho "\$i - 1t \$n] alo i = `leshou \$x + \$y` lesho "\$z" x = \$y y = \$z done 3 n = `fib \$n`	×=0	
lesho" Fikonacci Gerius whto \$ n tums:" lesho" \$ x" lesho" \$ y" while [\$ i - t \$ n] solo i = `exper \$ i + 1` z = `exper \$ x + \$ y` lesho" \$ z" x = \$ y y = \$ z done 3 n = `fib \$ n`	y = 1	
Icho"\$x" Icho"\$y" While [\$i-It\$n] Slo i=`enfor\$i+1 z=`enfor\$x+\$y` echo"\$z" x=\$y y=\$z done 3 n=`fib\$n`	il = 2	
Icho"\$x" Icho"\$y" While [\$i-It\$n] Slo i=`enfor\$i+1 z=`enfor\$x+\$y` echo"\$z" x=\$y y=\$z done 3 n=`fib\$n`	elcho" Fikonacci Series whto & n to	yms:"
culhèle $[\$i-1t\$n]$ slo $i=\text{lexper} \$i+1$ $z=\text{lexper} \$x+\y $\text{leshow} \$z''$ $x=\$y$ $y=\$z$ dene $x=\$p$ $y=\$p$ $y=\$p$ $y=\$p$ $y=\$p$		
culhèle $[\$i-1t\$n]$ slo $i=\text{lexper} \$i+1$ $z=\text{lexper} \$x+\y $\text{leshow} \$z''$ $x=\$y$ $y=\$z$ dene $x=\$p$ $y=\$p$ $y=\$p$ $y=\$p$ $y=\$p$	echo "\$y"	
$ \begin{array}{c} \text{slo} \\ \text{i} = \text{lexper} \$ i + 1 \\ \text{2} = \text{lexper} \$ X + \$ Y \\ \text{lesho} " \$ Z" \\ \text{X} = \$ Y \\ \text{Y} = \$ Z \\ \text{slone} \\ \text{3} \\ \text{n} = \text{lib} \$ n \\ \end{array} $	richèle [\$i-It \$n]	
$i = \text{lesspen} \ddagger i+1$ $z = \text{lesspen} \ddagger X + \ddagger Y$ $\text{lesspen} \ddagger X$ $x = \ddagger Y$ $y = \ddagger Z$ done 3 $r = \text{fib} \ddagger r$		
$z = \text{locker} \$x + \y $locke "\$z"$ $x = \$y$ $y = \$z$ $locke$ $substitute{Substit$		
$ \begin{array}{l} $		
x = \$y $y = z $sdone$ 3 $y = $'fib $'n'$		
y = \$z Idene 3 $r = `fib $ r`$		
3 n=`fib\$n`	X = 3 Y	
3 n=`fib\$n`	y = \$ Z	
	done	
	3	
che "\$r"	n=`fib\$n`	
	who "\$n"	

alow many number of theme to be generated ?

Fibonoice series up to 15 terms:

alow many number of theme to be generated ?

Fibonoice series up to 15 terms:

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Sem. IV. + 1 886. 6. INSTITUTE OF TECHNICAL STUDIES .. Branch ... C.S.E. Name datestilt Nameta

1	THE STATE OF THE S
***************************************	Expuimint = 8D
A. Designation	**************************************
	Aim: abeite a whell script to ifind beine number.
	Lohe", in the window.
	I lod mm
	function beims
	8
	los (Ci=2; ix=mum/2; i++))
	A A
	12 [s ((mm % i)) -eg 0]
	The
	USB "Sum is not a sprime number."
	Do't
	E. C.
	Slant
	1. She " & min is a strium number."
	2
	r= Drime & number
	"A\$" BOO
	authut
	entry winder
	5
	y is mot in sprime mumber.
	In the manke

	Tis a fulme number.
-	

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Aim: Weith a Cipuogram to relad and boint elements of overage GEETANJALI INSTITUTE OF TECHNICAL ST shang (" x d" , b m); " build (" Entw! of allments in the carbay: ", m); Date Branch ... C. E. Sem TUT. + Sec. .. b... buints ("In Elements in array all i") Experiment = 9A special ("tothe size of sanay:" sprintf ["-1,d", a Fil soomf (" 4.0 " , bo [i]); Entra Size of array : 54 Jew (1=0; 1<m; 1++) you [1=0; icm; i++) vint va [1000] juin j it impluele < 5 talio. h> suthem 0; Name databilt muta wint main () 3 rade outbut

Entre + Mements in the sausay: 1

2 09

0

4

Elements in wallay au :



***************************************	Expen	iment = 9B		Date
Aim: W	eitera Cipag	jeram its ifi	nd Sum of	all varinay illiments.
	ole <stalio.h></stalio.h>			
int mo	in ()			
£				
int w	u [100], size	, i, Seum =	O. 5	
rpuints	("Enter sailes	y size (m')	<i>j</i>	
· Janual ("1 % d" & Siz	e);		
beinth	(" Enter aux	an element	8 m;	
I Defi-	· n· i < seze :	i++)		
w can	f ("%d", So a	un [i]);		
yor (i=	=o;i <size;< td=""><td><u>i++i</u></td><td></td><td></td></size;<>	<u>i++i</u>		
Sun	n = Sum + aug	Ci];		
feintf	("Sum of whe	e rankay =	1.d\n", s	em);
	n 0 ;			
3				
outpu	t			
	runay size			
5	0			
Entry	rehay ulemen	太·		
	3 5 6			
		-17		
sum 0	y one menay			

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lakshit Ame	ta. BranchC.S.E Sem.IV	INSTITUTE OF TECHNICAL ST
	Experiment = 9c	Date
Aim: Weit	te ia C pergeron to ifind we	euse of ian iaeleay.
# include:	(stolio.h>	
# include	<stallib.n></stallib.n>	
I define	n 6	
int main () {	
int a	un [n] = 99,8,7,2,4,33;	
inti	temp;	
for Cu	int i = 0; i <n 2;="" i++){<="" td=""><td></td></n>	
ta	nb = and [i];	
all	eci] = rale [n-i-1];	
	un [n-i-1] = temp;	
3		
for (e	int i= 0; i <n; i++)="" td="" §<=""><td></td></n;>	
. feli	inty ("1.d", raver [i]);	
3	*	
3		
Imput: 6,	9,8,7,2,4,3	
output: 3	3,4,2,7,8,9	

