Day-2

(1)	How to Create Shew script in Linux/Vnix ? Explain in detail
5.	
Sol->	· Shell scripting is an Open-Source Computer Programmodes gived to be Trum by the Unix/Leniux Shell. Shell scripting is a Programm to Write a Series of Commands Jon the shall
	designed to be Turn by the Unix/Leniux Shew Shew scripting
	is a Program to Write a Series of Commands Jon the state
and the second s	to execute.
	· Shew is a UNIX term for an interface technicen an war
	and an operating System service. Shew Provides users
	With an interface and accepts human readable Commands
	into the system and executes those commands which
	Can seen automatically and give the Program's cutfut
	in a shell Script. P
	· On Perating is made of many comforents, but its
	two Preme components are-
	@ kernel @ Shell.
all gardy allegation have supply a stage between party and a state a stage a	
of a horses with a new requiremental control of	Hardware Kermel operating Terminal USEA System Shell
	System & Shell
	0
· Bankino lapos hi manuscapante lapologue, ny si himbana mo	Types of Shell:
	There are two main stalls in hences:
gravities galactic, and his to the handless believe the house	1. The Bowine Show: The Prempt for this shell is \$
and the second second second second second second second second second	and its derivatives are listed believe
and programming to the second of the second or the second of the second	· Posix shell also is known as sh.
The financial annual training the section and it is the section of	Korn Shell also knew as Sh.
	· Bourse again shell also known as leach.
the second section is a second to the second second	V and a second s
Commission and March and State of the State	2. The C shere: The Knompt fau this shere is %, and its
and any of the section of the sectio	Subcategories are:
and the second section of the second second	· C Shell also is known as C.Sh.
	· Teps C shall also is known as tesh.

· Show Script & are Written using text editor G. · Let's understand the steps in Creating a show scrip 1. Create a file using a Vi editor (or any other editor). Name script bile with extension. Ih 2. Start the script Gilb #1/kin/Sh. 3. Write Some Coole 9. Save the Script file as bilename. Sh 5. For executing the Script type bash dilenamed · Creating a Script: Sample 80. Sh #! /bin/8h echo "What is your name ?" nead name eeno - "How do you do, & name ?" nemano read caho "I am & remark too!" · for rumpil the script hile Pi @ Piceden 1: - \$ bash Samplese. Sh What is your name? enput (name) How do you do, Pi 9 excellent entering I am excellent too! nemana (1/P) . This is Sust a Simple script. We can develop advanced scripts which centains conditional Statemento, loops, and finations. Shell scriptil amade out life easy and Lenius administration

entering

a breeze.

(Q)	d shell script to make a menu driven calculator using
	Case.
2 80	
Sol	#!/kin/kash
	Clear
	Sum = 0
	i = "y"
)	echo "Enter dist no".
	read n1
	Ceho " Enter Sceond no"
	read me
1	Phile (\$i = "y")
	obo
	Caho "1. Addition"
	echo "2. Submaction"
	eaho "4. Division"
	eaho "Enter your chaise"
	read ch
	Carl Sch in
	1) Sum = ' Expr \$n1+\$n2)
	echo "Sum = " & Sum;
	2) Sum = 'EXPT \$11-\$12'
	leho "Sub = " & Sum;
	3) Sum = 'Copn &n1 \ \$n2'
	Ceho " mul = " & Sum;
-	4) Sum = 'echo" Seale = 2; &n/ &n2" 1 be'
	Ceho "der = & Sum;
	*) echo "Imalia choice";
	esae
-	echo "Do u want to Continuo? [7/2]"
+	neadi
	J-[\$1 1= "y"]
11	

them exit fi done.

(3) Create a Custom menu using caho statement and show the menu.

Create an infinite Doop using while statement and strow the menu. That accept the user input option and generate the outfut Continuously until the user infit matches the exit Pattern.

Take input brom the user using read statement and store it in a variable.

#1/kin/kash

Sof

Greating a menu with the ferrowing options

eaho "SPLECT YOUR FAVORITE FRUIT";

eaho "1. APPle"

eaho "2. Grapes"

eaho "3. Mongo"

eaho "4. Exit from menu"

eaho "5. - n" Enter your menu choice [1-4];"

Running a forever loop using while statement

This loop will run until select the exit option.

User will be asked to select option again and again

Mhile:

do

reading choice

Case Statement is used to compare one value with the multiple cases. Case & choice in # Pattern 1 1) echo "you have selected the option 1" caho " Selected Freit is Apple."; # Pattern 2 2) eaho "you have selected the option 2" echo " selected truit is orrapes."; # Pattern 3 echo "you have selected the option3" ceno "Selected Pruit is Mongo."; # Pattering eaho "Quetling, ..." exit; # Ocfault Paltern *) ceho "invalio Ptiop";

am