Day 2.

a) How to Create Shell Script in linux/unix?

A) Shell Script are written for :

Steps to create Shell Scripts

Create a first unix a plane unix name script for certain
shell script with #!{b.n{sh
while some care
Save be file unix contents
for exccute the Script from firm

```
#!/bin/sh
Cmc "what is Yav name ?"
Yes Me
echo "How do Yo some?"
yeah Yeyme
echo "i am $Yenutwo!"
```

a2) Write about Control Symptoms in linux

There are trial & continous within can be used in base permission
if Statement = it certain in fine it with Pnit for stmt

```
if [CStmt]
    test
    Stmt
```

If   If($a==St)
        tw
     Else "a   then else
it the extension is not true part will Excentes
     if [Cxtension]   Eg   if (a%2 ==0)
                                      then
it-else Statement
     for
     Stmt1
     Else   eeho "la is even"
                        else
     Stmt 2   echo "$a is odd"
        ti   ti

it else else it Stmt :- To Yes matter contain in one it-else become
then elseit knows it here in shell it any exp is true if
will Excente but particular serial otherwise it will
else scenario

Eg.
```
if [expression 1]
  then
      Stmt 1
      Stmt 2
      :
  Else if [expression 2]
  for
      Stmt 3
      Stmt 4
  Else
      Stmt n
```

Eg.
```
if [a>b]
  then
      Echo "$a is for $b"
  Else [a<b]
  then
      Echo "$a is leu than $b"
  Else
      Echo "$a is leu to $b"
  fi
```

Switch Stmt :- Case Stmt within on a switch stmt it specifia valuis matter with pattern then it will Excurse a blow acthent petialer pathe

* A Cave will be when the dont comment for Excening
* it then is a Mao then Exit flow of Cave is zero

```
Cave is
Pattern 1) Statement 1 ;;
Pattern 2) Statement 2 ;;
Pattern 3) Statement 3 ;;
Pattern 4) Statement 4 ;;
Cave
```

Eg
```
Cave = "$nmy"
Cave "$cars"
# Cave1 "Mercedes" > Echo headdesk for
# Cave 2
    "Awi") Echo "headdotte - "enfons
# Cave 3
    "Eldi > Echo " Headdester - "/nif"
Tac.
```

(Q3) What are looping Stant in shell Explain?

there are total 3 looping stmt with leu be cue in perusium

i) **Write Stmt:** in this command in Evalates wed bases on relet loop will Execute it result is first loop withbe consits

```
Write [condition]
do
Stmt 1
  Stmt 2
done
```

Eg
```
i=1
while [$i -le 10]
do
    echo $i
    i=`expr $i +b`
done
```

unit loop :-

The Unit loop in have when you dies to execure a of commands write a case true

```
write [Condition]
    do
    Snut 1
    Stut 2
done
```

```
i = 1
write [: $i - it 10]
    do
    echo $i
        i = 'exty $i +1'
    done
```

for loop :-

it is a cert permission which allias have to be executes

```
for [Variable - name] in
    do
    Snut 1
        Stut 2
    Stm 3
    done
```

Eg
```
for no in (1 ... 10]
    do
    Echo $no
    done.
```