

Day 4



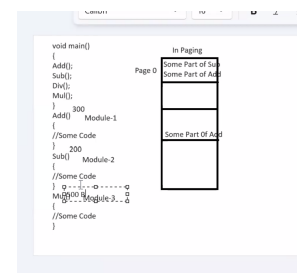
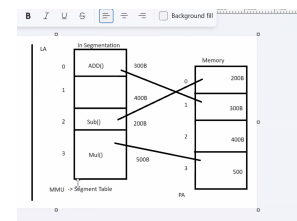
Date : 30 Aug 2024

Shared Pages (Only theory)

⇒ One Page have content of two process .

Segmentation :

1. In one process , it happens that some of that process may be in page one other in page n .
This cause delay in time and efficiency meaning CPU overhead ,This is huge problem in paging .
2. Is the technique of dividing the process into variable size partitions known as Segments.
3. Instead of diveding the pages , we should divide the process in segments which will be variable size partitions .
4. They will be loaded in frames but here now frames will be variable sized.
5. These segments are decided on the functions(module) of the process .
6. These segments will have logical address as they are in virtual memory .
7. External Fragmentation will occur .
8. Segment table will be maintained by mmu



Shell Programming :

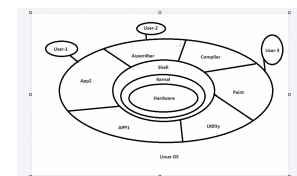
1. It is interface between kernel and User .
2. An User can interact with kernel by using shell command or scripts or programs .
3. It take input from user and pass it on to the kernel .
4. An user can interact and give output by using shell script

Type of shells:

1. Learn about them one line , ques can come .

Variables :

1. Datatypes need to be given to store any value in var in shell .



```

GNU nano 6.2
echo "Enter Num1"
read Num1
if [ $Num1 -eq 5 ]
then
    echo "Number is equal to 5"
else
    echo "Number is not equal to 5"
fi

```

```

echo Enter Num1
read Num1
echo Enter Num2
read Num2
echo Enter Num3
read Num3
if [ $Num1 -gt $Num2 ]
if [ $Num1 -gt $Num3 ]
then
    echo Num1 is greatest
else
    echo Num3 is greatest
fi
else
if [ $Num2 -gt $Num3 ]
then
    echo Num2 is greatest
else
    echo Num3 is greatest
fi

```

Shell Programming :
Open file using nano cmd

we have to define what kind of shell we want to use /bin/bash generally by using #!/bin/bash (Optional)
To print the prompt msg on screen we use echo cmd
=> echo "Enter your name"
To read the input from user we need read cmd and assign it to a variable
=> read st1
echo welcome, \$st1 will the value of variable (with or without double quotes)
How to execute the file => using bash file_name

Topic: Recording

Module: COS

Date: 30/08/24

https://us02web.zoom.us/rec/share/gztzqHIN6BUqIV-59PvwXKjSg6qOWsN7o_iGyxZF2pb39FUtPxDRmTmAHdVmGFaV.63JDihWR25zDuq9Y