**DAY -1**

printf(" ",%d);

Generic printf stmt:

int printf(const char\*\_format,...);

compilation system:

hello.c hello.i hello.s hello.o hello

-------->preprocessor-----> compiler----> assembler--------->linker------>

source modified assembly relocatable executable

program source program object object

text text text binary binary

multi tasking: shifting from one process to another

multi threading: at same time executing 2 funtions in 1 process(parallel)

multi processing: at same time 2 applications eg: in lap date &time and chrome

UNIX:

man command

man date

man printf

man 3 printf

man 3 scanf

return value for printf - return the no.of characters if successful

return 0 if not successfull

return value for scanf - return 0 for successfull

cal command - gives calendar

lp command - to print the files

tty command - print the file name of the terminal connected to standard input

who command - to see the current user

karnel

booting

**run levels:**

0 - shutdown

1-administration

s -

2 -

6 -

**Files:**

devices are also treated as special file.

Internally each file is assigned a unique identification num called inode.

**File types:**

regular

directory

executable

symbolic link

device special file

named pipes

**File naming conventions:**

max lenght-255

no concept of primary and secondary name

file names are case sensitive

alphabets,digits,dots and underscores

space and tab names are not allowed

**Directory:**

file system is arranged in inverted tree

swap file-memory

cd/

cd/bin

include$ ll stdio.h

**creation of directory**

$ mkdir<pathname> eg: $ mkdir test01/priya

**change directory**

$cd<directory>

$rmdir<directory>

**empty file to create**

directory$ touch t1.c

test01$ ls-l priya/ - give not hidden files

test01$ ls-la priya/ - give hidden files also

test01$ man 2 rmdir

test01$ rm -f -r priya/

-f --> forcely remove

-r --> recursively

.l --> current directory

..l --> parent directory

**links-symbolic**

ln-s filename linkname

**file permission:**

rwx rw r

user group by others

d- directory

l - links

p- pipe

b- block special device

4246-- parent directory

262146---current directory

3603 ---bash

bash is the parent of ps

cp-copy the files

tar&zip commands are used to compress the folders.

lp-print

np- print along with line number

ll - list

make - it is a utility which helps to compile

**\*\*\*mkdir bin inc lib etc src obj scripts logs \*\*\***

hardware -

soft link - it behave like shortcut

ln-s

ls -list the current open directories

ls > file name - redirecting

cat - display

sort - sort the line in files

ls-li ---> inode

vimrc

auto indent

set number

ts=4

ps - shows the process running in the user

& - rns background programs