1. Ence () System earl.	
It is used to enecute a f	ile in an active process.
Pid 23236	Pid = 3236
Active From Exect)	Active Process
	(fin 1.)
Tile1	File2 1
when Exec () is invoke as shown in Fig. an	d'une previous file is supered.
The new program is load	led en me same process space.
So, me process ed will to	any new process.
so, process i'd will not be near, code every other relatively with the other program (10	changed but me data, stack, ed l'informations will get updated
2. Write me command	
man exe	
you can see here me	estiple types of the same
ince (1 system can. So	ed of hen can have
different syntanes as you	estiple types of the same ach of them can have can see.
3. Evereise using Enec ()	System call:
we need to prepare t	
1. Calling program	
o culd breakens	

DEnec. C # include (stdeb. W) \* include ( unisted . W) int maine () frint (" 9 am in Enc. e \"); frints ("Pid of Ence. e 1's 1.d \"), getpid ()) char nongst] = g"./nello", NOLL 3; encer (arysto), angla), printf ("rowing back to exec. e"); " The's will not be executed! return 0 Euc () runs Succession system can you will get to your hat Enecy Call. system in ener ( const clust a pater, clust a const arguld s, the first parameter is nothing but he part of me second paremeter is noting but me array of Character pointed In own program Ence & I have passed the parameter of ". Thello. e" - in he path of he program. I have written ". / " as both

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programs "Enec. e" h "hello. e" stays on he same program folder. hello. E + include ( brdio . w) \* include ( unistd. w) int wain () printy ("9 am in hello.e \w"); print (" Pid of nello. e is y. d (" ", getfid ()); return 0', Enecution of both me figrand: \$ que -o hello hello.e 5 gec -0 eulev enle e \$ levecu El I am in enec.c Pid of enec. c às 1819 3 ans in hello. C Pid of hello. e es 1519

```
open () system Call ? -
  # include (unistd. W)
 4 include ( stdio W)
  # include (fentl. W)
  int main ()
     in td;
      dvar mig [50) = " nello students: God Bless Alls
      duar buffer [80)
      fd = open (" sample. txt", 0-RDWR);
      tribuf ( ufd = /. d n, fd);
      if (fd 1 = -1)
       frints ("In Sample the opened with read wire
                             access (w"):
       write (fd, msg, size of (msg));
       LSeek (fd, 0; SEEK = SET)
       need (fd, buffer, size of (msg));
       prints (" & n % 3 was written to my file \", but
       elose (fd);
      return 0;
I N. B: you can go to me command prompt and
     is execute a command as
                 g wan open. el
  where you will able to see heat if you were
  are different syntances of open in create
```

Secondly if my Sauple tol' is present in my same directory where program " open . e" Is present, I men me syntax of open it system call will be line enacted now it is done in me program open. C' but if 'Sample the 'e's preson I'm some other folder men we have to mention the pour (total paru). int open (const dua statumene, in flagt, mode-t. mode); The flags include were models; -O-RDONLY O-WRONLY O-RDWR Now his open (1 System Cell Returns a file descriptor. En my program of have used 'fd' to store me file descriptor value. The basic file descriptor values are G- standard i/P 1 - u ENVW. If open system call fails men it return -1. · The mest is write System Call! white ( int fd , loust void about , Size towet); what you want 9 have used I seen as I want my file to be accessed from first data syrc. Please gohbel but manual.