

UBUNTU COMMANDS

OPERATING SYSTEMS LABS



ASSIGNMENT # 01

Submitted By

Abdullah Tahir Khurshid
(19P-0067)

Submitted to

MR. MUHAMMAD ABDULLAH
(COMPUTER INSTRUCTOR)

DEPARTMENT OF COMPUTER SCIENCE
FAST NATIONAL UNIVERSITY OF COMPUTER AND
EMERGING SCIENCES, PESHAWAR

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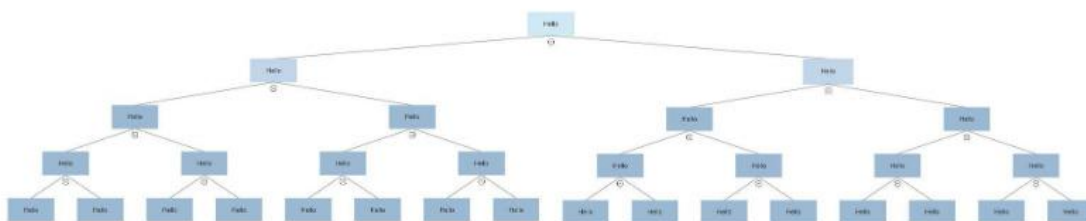
QUESTION #1

```
1  #include<stdio.h>
2  #include <stdlib.h>
3  #include <sys/types.h>
4  #include <unistd.h>
5  int main ()
6  {
7      fork();
8      fork();
9      fork();
10     fork();
11     fork();
12     fork();
13     fork();
14     fork();
15     printf("hello \n");
16     |
```

1) The number of process will be 256

2) Hello will be 256 times will be displayed on the screen.

3)



QUESTION #2

```
1  #include<stdio.h>
2  #include <stdlib.h>
3  #include <sys/types.h>
4  #include <unistd.h>
5  int main ()
6  {
7  pid_t pid;
8  pid=fork();
9  if ( pid == 0)
10 {
11 fork();
12 fork();
13 printf("Hello C \n");
14 }
15 else
16 {
17 fork();
18 printf("Hello P \n");
19 }
20 }
```

1)The number of Processes will be 6

2) Hello will be displayed 6 times

3)

