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## LAB TASK 5

## **Question 1:**

```
#include<stdio.h>
#include <sys/types.h>
#include <unistd.h>

int main()

fork();
```

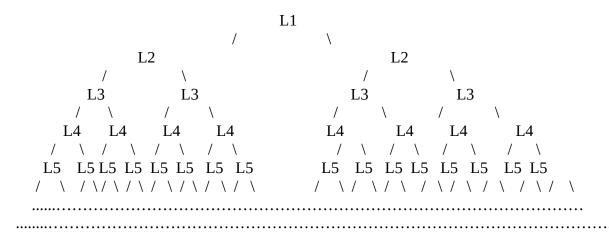
i) How many processes will be created?

```
no. of fork() = 8
total no. of processes = 2^8
= 256 (processes)
```

ii) How many times "Hello" word will be printed on the screen after code execution?

256 times.

iii) Create tree hierarchy for this pseudocode?



## **Question 2:**

```
#include<stdio.h>
#include<unistd.h>
#include<sys/types.h>

int main()

full int pid = fork();

fork();

fork();

printf("Hello\n");

fork();

printf("Hello\n");

return 0;

return 0;
```

i) How many processes will be created?

6 (processes)

- ii) How many times "Hello" word will be printed on the screen after code execution?

  6 times.
- iii) Create tree hierarchy for this pseudocode?

