

Tree Recursion

- If a recursive function calling itself more than one time then it is tree recursion

syntax :

```
fun(n)
{
    if( n > 0 )
    {
        .....
        .....
        .....
        .....

        fun(n -1);
        .....
        .....

        fun(n-1);
        .....
        .....
    }
}
```

Example :

```
void fun(int n)
{
    if(n>0)
    {
        printf("%d", n);

        fun(n-1);
        fun(n-1);
    }
}
fun(3);
```

- Activation record idea

