Example 1:

```
Void Gun (int n)

{

    if (n <= 0)
        neturn;
    print ("GFG");
    fun (n/2);
    fun (n/2);
```

$$T(n) = T(n/2) + T(n/2) + O(1)$$

 $T(0) = O(1)$

Example 2

```
Void fun (int n)

E

if (n <= 0)

netwn;

for (int i=0; ixn; i++)

print ("GFG");

fun (n/2);

fun (n/2);
```

$$T(n) = T(n/2) + T(n/3) + O(n)$$

 $T(0) = O(1)$

Example 3

byn (n-1);