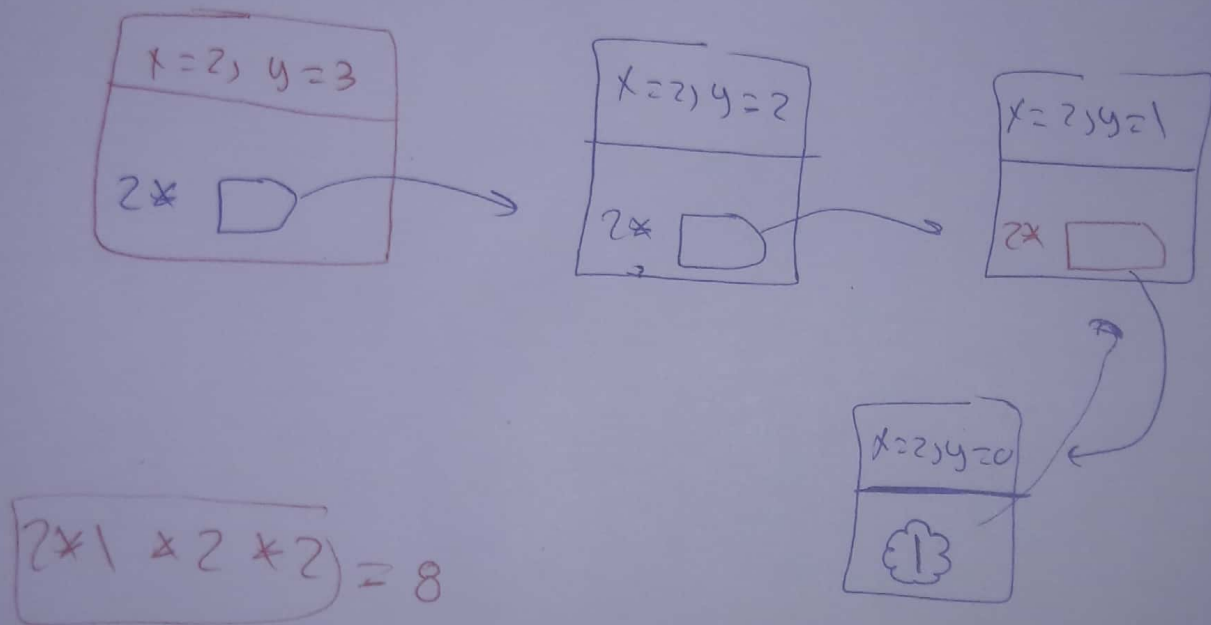


## How to understand recursion

int power (int x, int y)

```
{  
    if (y > 0) return x * power(x, y-1);  
    else return 1;  
}
```

power(2,3)

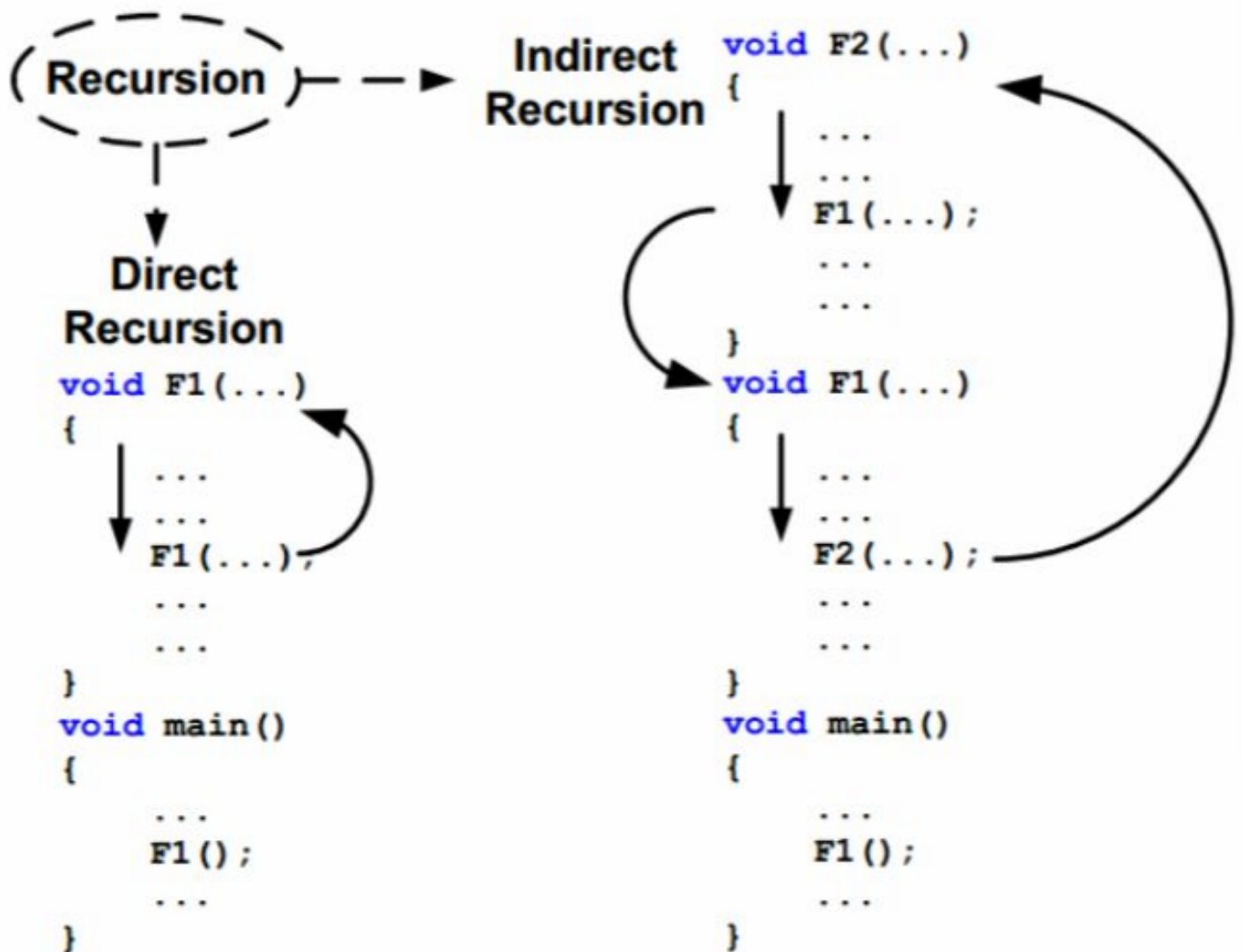


note that: recursion must be break/return

statement.

Called based condition

# direct and indirect recursion



<https://www.facebook.com/groups/embedded.system.KS/>