(Face No.)

## Recuysion

How function calls work in language.

While the for is not finished executing; it will gremain in stack

Mhen a function, finishes executing it is memoved from stack, and the flow of program is mestored to where In was called.

What is Kecusion?

for calling itself.

Base Condition in Recursion: Condition where our recursion will stop making new calls.

Why Recupision

# It helps us in solving biggest complex problems in a simple way.

# You can convert necunsion solo into iteration & vice versa.

A Space complexity is not constant because of

It helps in breaking down bigger problems into smaller problems.

