# How Recursion Works

A whiteboard with writing on it

Description automatically generated with medium confidence

A whiteboard with writing on it

Description automatically generated with medium confidenceA white paper with black writing

Description automatically generated with low confidence

Chart, line chart

Description automatically generated

Text, letter, whiteboard

Description automatically generated

# Recursion Generalization

Text

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# How Recursion uses Stack

Text, letter

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# Recurrence Relation – Time Complexity of Recursion

A whiteboard with writing on it

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Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

# **Static and Global Variables in Recursion**

## **Global Variables**

Diagram

Description automatically generatedA piece of paper with writing on it

Description automatically generated with medium confidence

## **Static Variables**

Diagram, text, whiteboard

Description automatically generated

Text, application

Description automatically generated