Recursive function

Talk to a Teacher Project
http://spoken-tutorial.org
National Mission on Education through ICT
http://www.sakshat.ac.in

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Learning Objectives

- **What is a** `Recursive` **function**

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- **What is a** `Recursive` **function**
- **With the help of some examples**

Prerequisite

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- **Knowledge of Shell Scripting**

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- **If not, for relevant tutorials please visit http://spoken-tutorial.org**

System Requirements

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- **Ubuntu Linux 12.04 OS**

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- **GNU Bash version 4.2**

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- **GNU Bash version 4.2**
- **GNU Bash version 4 or above is recommended for practice**

Recursion

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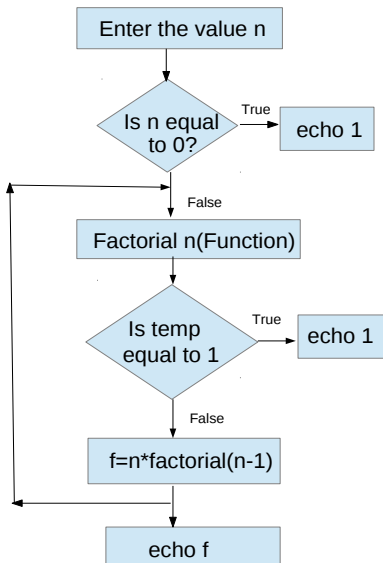- **One which calls itself**

Recursion

- **One which calls itself**
- **Useful technique that simplifies complex algorithms**

Factorial Of A Number(flowchart)

Summary

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- Recursive **function**
- **With the help of some examples**

Write a program,

- **Where the** `recursive function` **calculates the sum of** `'N'` **numbers**

About the Spoken Tutorial Project

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Spoken Tutorial Workshops

The Spoken Tutorial Project Team

- ▶ **Conducts workshops using spoken tutorials**

- ▶ **Gives certificates to those who pass an online test**

- ▶ **For more details, please write to contact@spoken-tutorial.org**

Acknowledgment

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- **It is supported by the National Mission on Education through ICT, MHRD, Government of India**
- **More information on this Mission is available at http://spoken-tutorial.org /NMEICT-Intro**