Conditional Loops in BASH

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

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- **for loop**

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- **while loop**

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- **for loop**
- **while loop**
- **Few examples**

System Requirements

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- **Ubuntu Linux 12.04 OS**

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- **GNU Bash version 4.1.10**

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- **GNU Bash version 4.1.10**
- **GNU Bash version 4 or above is recommended for practice**

Introduction to loops

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- **Loops are used to execute a group of statements repeatedly**

Syntax

- **for ((exp1; exp2; exp3))**
  do
    statement1
    statement2
    statement3
  done

Syntax

Syntax

- **for variable in sequence/range**
  do
  statement1
  statement2
  statement3
  done

Syntax

- **while [condition]**
  do
     statement1
     statement2
     statement3
  done

Summary

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- **for loop**
- **while loop**

- **Find the sum of first n prime numbers**

About the Spoken Tutorial Project

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- **Conducts workshops using spoken tutorials**

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

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

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- **More information on this Mission is available at:**
  http://spoken-tutorial.org /NMEICT-Intro