

Conditional Statements in awk

Spoken Tutorial Project

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

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Learning Objectives

We will learn about



Learning Objectives

We will learn about

- `if`



Learning Objectives

We will learn about

- `if`
- `else`



Learning Objectives

We will learn about

- `if`
- `else`
- `else if`



System Requirements



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- **Ubuntu Linux 16.04 OS**



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- **gedit version 3.20.1**



Pre-requisites

- Please go through the earlier `awk` tutorials on this website
<http://spoken-tutorial.org/>



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- Please go through the earlier `awk` tutorials on this website
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- You should have familiarity with any programming language like C or C++



Code Files

- The files used in this tutorial are available in the [Code Files link](#) on this tutorial page



Code Files

- The files used in this tutorial are available in the Code Files link on this tutorial page
- Please download and extract them



Conditional Statement

- **Allows us to check a specified condition before performing an action**



if-else-Ladder



if-else-Ladder

```
if(conditional-expression1)  
    action1  
else if(conditional-expression2)  
    action2  
.  
.  
else  
    action n;
```



if-example

- **Give 50% increment in stipend to the students getting more than 8000 rupees**



if-else example

- 50% increment in stipend for students who get more than 8000 rupees



if-else example

- 50% increment in stipend for students who get more than 8000 rupees
- Otherwise give 30% increment



if-else ladder example

- 50% increment for student getting more than 8000 rupees



if-else ladder example

- 50% increment for student getting more than 8000 rupees
- 40% increment for student getting more than 4000 rupees



if-else ladder example

- 50% increment for student getting more than 8000 rupees
- 40% increment for student getting more than 4000 rupees
- Otherwise give 30% increment



Summary

We learnt about

- `if`
- `else`
- `else if`



Assignment

- `marks >= 90` grade A
- `marks >= 80` but `< 90` grade B
- `marks >= 70` but `< 80` grade C
- `marks >= 60` but `< 70` grade D
- else grade F



About the Spoken Tutorial Project

- Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- It summarises the Spoken Tutorial project
- If you do not have good bandwidth, you can download and watch it



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



Forum for specific questions

- Do you have questions in **THIS Spoken Tutorial?**
- Please visit
<http://forums.spoken-tutorial.org>
- Choose the minute and second where you have the question
- Explain your question briefly
- Someone from our team will answer them



Acknowledgements

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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>



Thank You

Thanks for joining
<http://spoken-tutorial.org>

