

Special Commands in KTurtle

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

<http://sakshat.ac.in>

Script: ITfC, Bangaluru

Narration: Madhuri G, IIT Bombay

11 March 2013

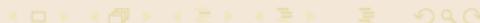


Learning Objectives



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We will learn about



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We will learn about

- ▶ **“learn”** command



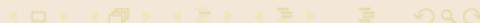
Learning Objectives

We will learn about

- ▶ **“learn”** command
- ▶ **“random”** command



System Requirement



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- ▶ **Ubuntu Linux OS v 12.04**

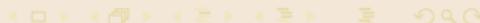


System Requirement

- ▶ **Ubuntu Linux OS v 12.04**
- ▶ **KTurtle v 0.8.1 beta**



Pre-requisites



Pre-requisites

- ▶ **Basic working knowledge of K Turtle**

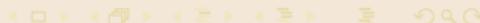


Pre-requisites

- ▶ **Basic working knowledge of K Turtle**
- ▶ **for relevant tutorials, please visit our website**
<http://spoken-tutorial.org>



“learn” Command



“learn” Command

“learn” is a special command



“learn” Command

“learn” is a special command

- ▶ **To create your own commands**



“learn” Command

“learn” is a special command

- ▶ To create your own commands
- ▶ Takes input and returns output



“random” Command



“random” Command

- ▶ Takes **input** and returns **output**



“random” Command

- ▶ Takes **input** and returns **output**
- ▶ Syntax is “**random X,Y**” where **X** and **Y** are two inputs



“random” Command

- ▶ Takes **input** and returns **output**
- ▶ Syntax is **“random X,Y”** where **X** and **Y** are two inputs
- ▶ **X** sets **minimum output** and **Y** sets **maximum output**



“random” Command

- ▶ Takes **input** and returns **output**
- ▶ Syntax is **“random X,Y”** where **X** and **Y** are two inputs
- ▶ **X** sets **minimum output** and **Y** sets **maximum output**
- ▶ Output is **randomly chosen number** between **X** and **Y**



Summary



Summary

We have learnt about



Summary

We have learnt about

- ▶ **“learn”** command



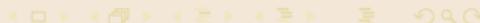
Summary

We have learnt about

- ▶ **“learn”** command
- ▶ **“random”** command



Assignment



Assignment

Using “learn” command, draw a



Assignment

Using “learn” command, draw a

- ▶ **Pentagon**



Assignment

Using “learn” command, draw a

- ▶ **Pentagon**
- ▶ **Square**



Assignment

Using “learn” command, draw a

- ▶ **Pentagon**
- ▶ **Square**
- ▶ **Rectangle**



Assignment

Using “learn” command, draw a

- ▶ **Pentagon**
- ▶ **Square**
- ▶ **Rectangle**
- ▶ **Hexagon at the corners**



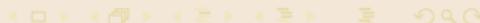
Assignment

Using “learn” command, draw a

- ▶ **Pentagon**
- ▶ **Square**
- ▶ **Rectangle**
- ▶ **Hexagon at the corners**
- ▶ **Circle at the centre**



Assignment



Assignment

Using “random” command,



Assignment

Using “random” command,

- ▶ **Create various colors**



Assignment

Using “random” command,

- ▶ Create various colors
- ▶ Customize geometric shapes and canvas



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



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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



Acknowledgements

- ▶ Spoken Tutorial Project is a part of the Talk to a Teacher project
- ▶ 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>

