Introduction to PhET Simulations

Spoken Tutorial Project
https://spoken-tutorial.org
National Mission on Education through ICT
http://sakshat.ac.in

Madhuri Ganapathi
IIT Bombay

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Learning Objectives

We will learn,

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We will learn,

▶ **About** `PhET` **simulations**

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We will learn,

▶ **About** PhET **simulations**

▶ **How to Register and Sign in on the website**

Learning Objectives

We will learn,

- ▶ **About** `PhET` **simulations**
- ▶ **How to Register and Sign in on the website**
- ▶ **How to access** `PhET` **simulations online**

Learning Objectives

▶ **To browse and filter the** `PhET` **simulations**

Learning Objectives

▶ **To browse and filter the** PhET **simulations**

▶ **How to download** PhET **simulations for offline access on various OS**

Learning Objectives

- ▶ **To browse and filter the** PhET **simulations**
- ▶ **How to download** PhET **simulations for offline access on various OS**
- ▶ **To run the downloaded simulations**

System Requirement

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- **Ubuntu Linux OS v18.04**

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- **Windows 10**

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- **Mac OS v10.14.5**

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- **Ubuntu Linux OS v18.04**
- **Windows 10**
- **Mac OS v10.14.5**
- **Firefox Web Browser v86.0**
- **Java v11.0.10**

Registration Confirmation

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- **You will receive an email from `PhET` simulations admin team**

Registration Confirmation

- **You will receive an email from `PhET` simulations admin team**
- **Open your registered email account**

Registration Confirmation

- ▶ **You will receive an email from** `PhET` **simulations admin team**
- ▶ **Open your registered email account**
- ▶ **Click on the link sent by** `PhET` **simulations admin team to activate the registration**

Summary

We have learnt,

- ▶ **About** `PhET` **simulations**
- ▶ **How to Register and Sign in on the website**
- ▶ **How to access** `PhET` **simulations online**

Summary

▶ **To browse and filter the** `PhET` **simulations**

▶ **How to download** `PhET` **simulations for offline access on various OS**

▶ **To run the downloaded simulations**

Assignment

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1. **Explore the `PhET` simulations website**

2. **Download and access the simulations of different file formats**

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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► **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**

Answers for THIS Spoken Tutorial

► **Questions in THIS Spoken Tutorial?**

► **Visit**
   https://forums.spoken-tutorial.org

► **Choose the minute and second where you have the question**

► **Explain your question briefly**

► **The Spoken Tutorial project will ensure an answer**

You will have to register to ask questions

Forum for specific questions

▶ **The Spoken Tutorial forum is for specific questions on this tutorial**

▶ **Please do not post unrelated and general questions on them**

▶ **This will help reduce the clutter**

▶ **With less clutter, we can use this discussion as intructional material**

Acknowledgements

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About the Contributor

This tutorial was originally created by the `Spoken tutorial team in 2017`