

# Download and Installation of Vlabs

**Spoken Tutorial Project**

**<http://spoken-tutorial.org>**

**National Mission on Education through ICT**

**<http://sakshat.ac.in>**

**Madhuri & Snehalatha**

**IIT Bombay**

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# Learning Objectives



# Learning Objectives

**We will learn,**



# Learning Objectives

**We will learn,**

- ▶ **About ChemCollective website**



# Learning Objectives

**We will learn,**

- ▶ **About ChemCollective website**
- ▶ **About ChemCollective online interface**



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**We will learn,**

- ▶ **About ChemCollective website**
- ▶ **About ChemCollective online interface**
- ▶ **Download and run Vlabs on Windows 10 and Mac OS X v 10.10.5**



# Learning Objectives

**We will learn,**

- ▶ **About ChemCollective website**
- ▶ **About ChemCollective online interface**
- ▶ **Download and run Vlabs on Windows 10 and Mac OS X v 10.10.5**
- ▶ **About download and run Vlabs on Ubuntu Linux OS v 16.04**



# System Requirement





# System Requirement

## ► ChemCollective Vlabs v 2.1.0-3D



# System Requirement

- ▶ **ChemCollective Vlabs v 2.1.0-3D**
- ▶ **Mac OS X v 10.10.5**



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- ▶ **ChemCollective Vlabs v 2.1.0-3D**
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- ▶ **Windows 10**



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- ▶ **ChemCollective Vlabs v 2.1.0-3D**
- ▶ **Mac OS X v 10.10.5**
- ▶ **Windows 10**
- ▶ **Java v 1.8**



# System Requirement

- ▶ **ChemCollective Vlabs v 2.1.0-3D**
- ▶ **Mac OS X v 10.10.5**
- ▶ **Windows 10**
- ▶ **Java v 1.8**
- ▶ **Firefox Browser 61.0.1**



# System Requirement

- ▶ **ChemCollective Vlabs v 2.1.0-3D**
- ▶ **Mac OS X v 10.10.5**
- ▶ **Windows 10**
- ▶ **Java v 1.8**
- ▶ **Firefox Browser 61.0.1**
- ▶ **A working internet connection**



# Pre-requisites



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- ▶ **Knowledge of high school Chemistry**





# Java Runtime Environment



# Java Runtime Environment

- ▶ **Java Runtime Environment to run Vlabs offline version**



# Java Runtime Environment

- ▶ **Java Runtime Environment to run Vlabs offline version**
- ▶ **To Install Java, please use the link shown below**

**<https://java.com/en/download/>**



# Download for Ubuntu Linux OS



# Download for Ubuntu Linux OS

- ▶ Download the vlab.jar file from the link given below

[http://chemcollective.org/vlab\\_download](http://chemcollective.org/vlab_download)



# Download for Ubuntu Linux OS

- ▶ Download the vlab.jar file from the link given below  
[http://chemcollective.org/vlab\\_download](http://chemcollective.org/vlab_download)
- ▶ vlab.jar file is available in,  
Download virtual labs for Windows  
Download virtual labs for Mac



# Run Vlabs on Ubuntu Linux OS



# Run Vlabs on Ubuntu Linux OS

- ▶ 1: Right-click on **vlab.jar** file & Open With Open JDK java runtime





# Run Vlabs on Ubuntu Linux OS

- ▶ 1: Right-click on **vlab.jar** file & Open With Open JDK java runtime
- ▶ 2: Open the terminal & navigate to **vlab2.1.0** folder



# Run Vlabs on Ubuntu Linux OS

- ▶ 1: Right-click on **vlab.jar** file & Open With Open JDK java runtime
- ▶ 2: Open the terminal & navigate to **vlab2.1.0** folder
- ▶ At the prompt type,  
**java -jar vlab.jar**



# Summary



# Summary

**We have learnt,**

- ▶ **About ChemCollective website**
- ▶ **About ChemCollective online interface**
- ▶ **Download and run Vlabs on Windows 10 and Mac OS X v 10.10.5**
- ▶ **About download and run Vlabs on Ubuntu Linux OS v 16.04**



# Assignment



# Assignment

1. **Download and install ChemCollective Vlabs on your personal computer**



# Assignment

1. **Download and install ChemCollective Vlabs on your personal computer**
2. **Explore the interface**



# Assignment





# Assignment

1. Open ChemCollective home page in any web browser,  
<http://chemcollective.org/home>



# Assignment

1. Open ChemCollective home page in any web browser,  
<http://chemcollective.org/home>
2. Explore the following Resource types,
  - \* Autograded Problems
  - \* Scenario-Based Activities
  - \* Concept tests



# About the Spoken Tutorial Project

- ▶ Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](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](mailto: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

- ▶ **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>**

