Please note that the slides published AFTER the lectures and workshops are the official slides and are the ones that should be used for revision.





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Workshop 2 (with answers)

CW1 Release; IDEs + Java 9/10/11 additions; Maintaining the ZooApp

Peer-Olaf Siebers



Week 2 Organisation



- Lecture 2:
 - Going through more advanced Java topics
 - Java Collections framewingnment Project Exam Help
 - Implementation of object
- Lab 2:

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- Working further on the ZooApp example Chat edu_assist_pro
- Looking at packages
- Workshop 2:
 - CW1 Release
 - IDEs + Java 9/10/11 additions
 - Maintaining the ZooApp (basic maintenance)





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eclipse and Add WeChat edu_assist_pro



Useful Website to Learn More about the IDEs



- TutorialsPoint: Eclipse (+ Java)
 - https://www.tutorialspoint.com/eclipse/index.htm

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- TutorialsPoint: IntelliJ
 - https://www.tutorialspoint.com/intellij idea https://eduassistpro.github.io/

- JetBrains: IntelliJ Video Tutorials
 - https://www.ietbrains.com/idea/documentation/





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what's new Add We Shat edu_assist 9/011



What's new in Java 9/10/11



- Java 9
 - Modules
 - jShell (read-evaluate-Aissignment Project Exam Help

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- Java 10
 - Local-Variable Type Inferenceddd WeChat edu_assist_pro
 - Enhancements for garbage collection and compilation
- Java 11
 - Removal of JavaFX, which is now available as a standalone technology



Notes from Demonstration



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maintainin https://eduassistpro.github.io/

management & Shatedu_assist_pro

Basic Maintenance





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What would you propose how we should get started?

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• Use Eclipse

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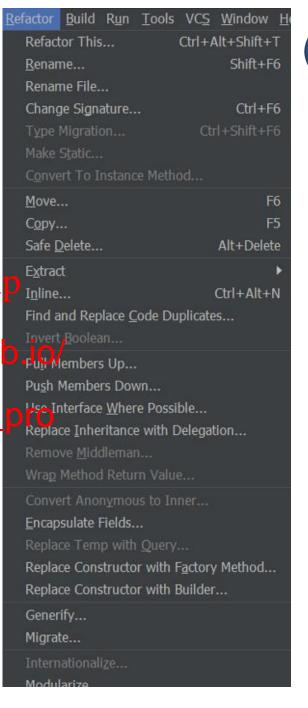


Use IntelliJ

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- Dividing all classes into packages
 - Why is this useful?
- Making all animal subclasses abstract Project Exam Help
 - They should not be instanti https://eduassistpro.github.io/
- Removing redundant code
 - "buildNewEnclosure()" is no Ardquille conhated u_assist_pro
 - Remove some setters (to gain control)
- Commenting code and producing Javadocs





 Packages are used in Java in order to prevent naming conflicts, to control access, to make searching/locating and usage of classes, interfaces, enumerations and annotations easier, etc. Assignment Project Exam Help

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Remark: This and the following screenshots are based on an earlier version of ZooApp





Javadocs

*

* @return Description.

Add WeChat edu_assist_pro */

@author John Smith Class, Interface, Enum @version version Class, Interface, Enum

Class, Interface, Enum, Field, Method @since since-text @see reference Class, Interface, Enum, Field, Method

@param name description Method @return description Method

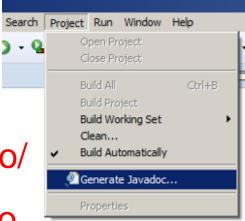
@deprecated description Class, Interface, Enum, Field, Method





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And finally ...



- Two things we have not dealt with which are vital for SWM
 - Version control (e.g. GIT Repository)
 - Unit testing
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