

# Advanced Web Programming

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## *INTRODUCTION*

ARIF DWI LAKSITO, M.KOM



# Lecturer

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## Arif Dwi Laksito, M.Kom

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# The Rules

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- Number of meeting are 24 (12 before Midterm and 12 after Midterm) – including Lab
- For joining Midterm and Final Exam, minimum of attendances are 75%
- 9 times for Midterm and 18 times for Final
- No cheat for attendance
- No t-shirt or no sandals
- Participate in team discussions



# Topics of the Subject?

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- Introduction
- Tools for developing dynamic web
- Basic Concept of Advanced Web Programming
- PHP Basic Syntax ( variable, datatype, function, etc.. )
- Accessing Database
- Using OOP on PHP



MIDTERM EXAM...

# Topics..

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- Introduction to Framework
- Using Codeigniter Framework
- Project Case 1
- Project Case 2
- Project Case 3



FINAL PROJECT

# Grading Scale

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- Quiz : 5%
- Midterm : 30%
- Final Project : 50%
- Responsi : 15%

- 81 – 100 : A
- 61 – 80 : B
- 41 – 60 : C
- 21 – 40 : D
- 0 – 20 : E

# Online Class

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- Students must join Online Class at Google Classroom
- Login using Amikom Student Email
- Sync your classroom with Gadget
- Get latest Information and Assignment from there





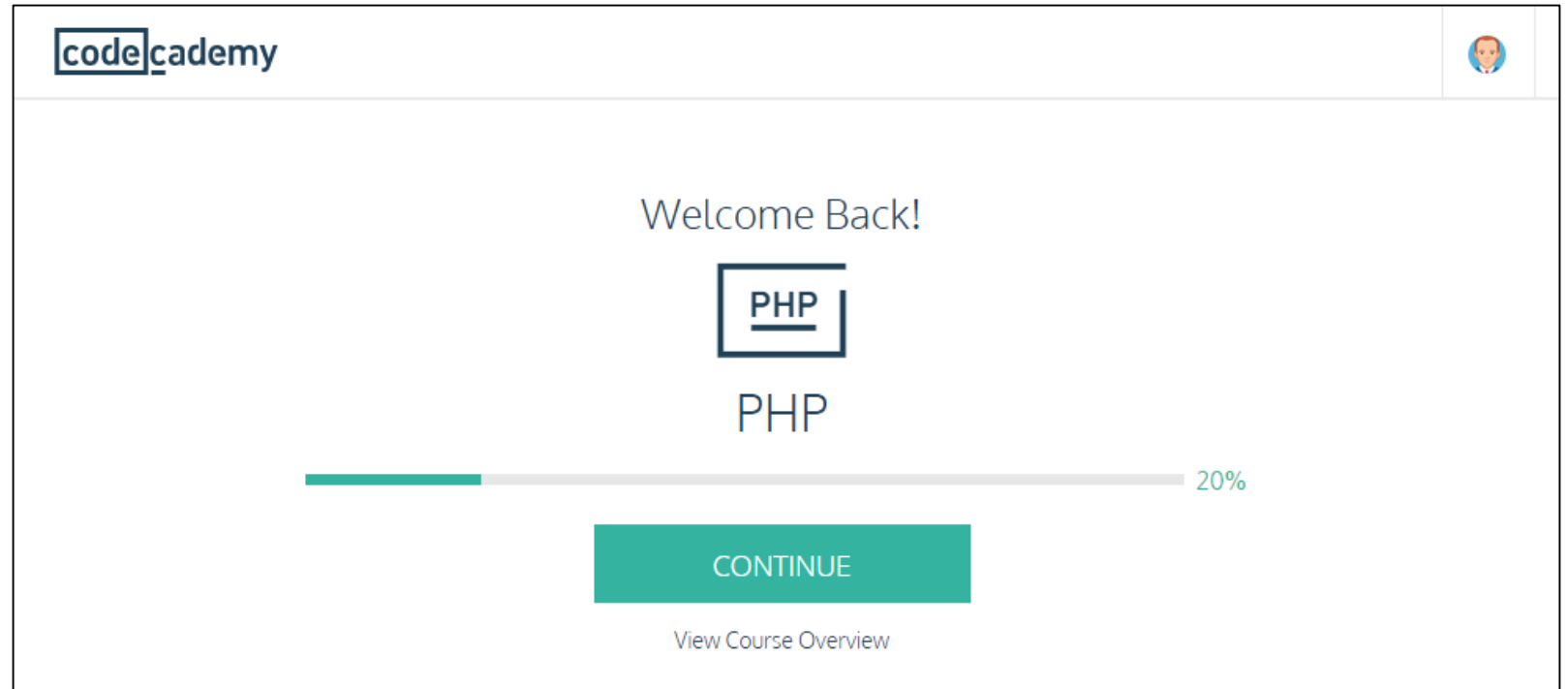
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## BENEFIT OF GOOGLE CLASSROOM



# Codecademy

- Signup at:  
codecademy.com →  
Language Skills : PHP
- Used for learning PHP  
step-by-step from basic  
to advanced.
- You have to enroll  
your progress in a  
week.



# Code Management

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- For management of PHP code we use .git as a tool.
- Benefit of using .git are: your code won't lose because error of HD, you can rollback your code to previous version, easy collaboration with more than 1 programmer.
- I recommend that you have to use sourcetree software as .git client.  
download from [www.sourcetreeapp.com](http://www.sourcetreeapp.com)
- And for .git server hosting, you can use github.com



# PHP Editor

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- There are many free software for editing php code
  - ❖ Sublime Community
  - ❖ Notepad++
  - ❖ Netbeans for PHP
  - ❖ Aptana
  - ❖ etc..

# Purposes..

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- Understanding basic concept of real-world web-based applications.
- Design and Develop web-based applications.
- Capable to use popular web framework for developing web-based applications.

# Competencies

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*“Students are expected to design and also develop the real-world web-based applications in PHP Language Programming, So they can use a lot of tools for developing web-based applications.”*

# Book & web references

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- <http://arif.staff.amikom.ac.id/blog/category/web-lanjut/>
- Modul Lengkap Web Lanjut - <http://elearning.amikom.ac.id/index.php/materi/190302150-ST084-48/Arif%20Dwi%20Laksito,%20S.Kom/Modul%20Web%20Lanjut>
- [www.w3schools.com/php/](http://www.w3schools.com/php/)
- <http://www.slideshare.net/jomikr/quick-introduction-to-git>

# Any questions??

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# Thank You

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