VIETNAM NATIONAL UNIVERSITY – HO CHI MINH CITY
UNIVERSITY OF INFORMATION TECHNOLOGY

IE303

JAVA TECHNOLOGY

Lecturer: MSc. Kiet Van Nguyen

Faculty of Information Science and Engineering

University of Information Technology, VNU-HCM

Who am I?

❖ Name: Kiet Van Nguyen.

❖ Email: kietnv@uit.edu.vn

❖ Department: Data Science, ISE, UIT.

❖ Topics:

  ❖ Subjects: Java Technology, Methodology of Scientific Research, Social Media Mining, Natural Language Processing, Programming Languages (Java, Python, Prolog, ..), Intro. to Information Technology, …

  ❖ Research Interests: Natural Language Processing and Data Mining.

Motivation

Why we should learn Java?

Why we should learn Java?

- ❖ Tons of resources to learn Java
- ❖ Lots of job opportunities
- ❖ It's an Object Oriented Programming Language
- ❖ Java's Rich API
- ❖ Powerful development tools
- ❖ Great community support
- ❖ Java is easy to learn
- ❖ …

This course's contents

❖ **Java core**

■ Basic

■ OOP

❖ **J2SE technology**

■ GUI Swing

■ JDBC

❖ **J2EE technology**

■ Java Servlet

■ JSP

❖ **MVC**

Evaluation

❖ **Progress: 20%.**

- Attendance
- Listening, respecting lecturers and friends and debating peacefully

❖ **Labs: 30%.**

- Depending on the quantity and quality of your labs submitted

❖ **Final examination: 50%**

- Project
  - ✓ Writing report: 25%
  - ✓ Presentation: 25%

Course Objectives

 ❖ **G1:** Understanding about Java core and OOP.

 ❖ **G2:** Understanding, analyzing, designing and implementing applications using J2SE technology.

 ❖ **G3:** Understanding, analyzing, designing and implementing applications using J2EE technology.

 ❖ **G4:** Team working skills.

Final Project

❖ **Group:** 5 students

❖ **Beginning:** 3rd week

❖ **Requnirements:**

- Students must have weekly progress report

- Implementing an application.

Requirements

- ❖ **Slides:** in English

- ❖ **Lecturer:** teaching in Vietnamese

- ❖ **Students:** should take note in learning and teaching process

Contact me!

❖ **If you have any problem in your learning process and in your project, please feel free to contact me:**

▪ **Room:** 10.4, 10th Floor, Block E, UIT**.**

▪ **Time:** 3h30 – 4h30, Tuesday or Thursday**.**

▪ **Note:** Please notify your meeting with me before at least 01 day**.**

Q&A

Thank you!