# Procedures for Installing Java Development Kit and NetBeans

## Subject:

In class assignment

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## Introduction

This document provides a step-by-step guide on how to install the Java Development Kit (JDK) and NetBeans on your computer. These tools are essential for Java programming and application development that provide necessary libraries, tools and runtime environment to develop and excute java applications while netbeans offer an intuitive interface to write, debug and manage Java code efficiently.

## Step 1: Install Java Development Kit (JDK)

1. Open a web browser and go to the official Oracle website at https://www.oracle.com/java/technologies/javase-downloads.html.

2. Locate the latest version of the JDK and click on the "Download" button.

3. Accept the license agreement by clicking the checkbox.

4. Choose the installer file suitable for your operating system (Windows, macOS, or Linux) and download it.

5. Once the download is complete, open the installer file.

6. Follow the on-screen instructions to install the JDK. Keep the default settings unless you need a custom installation path.

7. After installation, verify the JDK is installed correctly by opening a terminal or command prompt and typing "java -version".

## Step 2: Install NetBeans

1. Open a web browser and navigate to the official Apache NetBeans website at https://netbeans.apache.org/.

2. Click on the "Download" button for the latest version of NetBeans.

3. Select the installer suitable for your operating system and download it.

4. Once the download is complete, open the installer file.

5. Follow the on-screen instructions to install NetBeans. Ensure you select the appropriate JDK during installation if prompted.

6. After installation, launch NetBeans to confirm it is working correctly.

## Conclusion

By following these outlined instructions, one is able to set up a complete development environment for Java programming, ensuring you are ready to create, compile and run Java projects seamlessly.