

# Getting Started with Eclipse

As we know, an IDE (Integrated development environment) is a programming environment which usually combines a source code editor, a compiler and a debugger, and could be the essential tool in your programming. For all the assignments in this course, we recommend Java as the programming language, and Eclipse as the IDE.

## Where can I get the Eclipse?

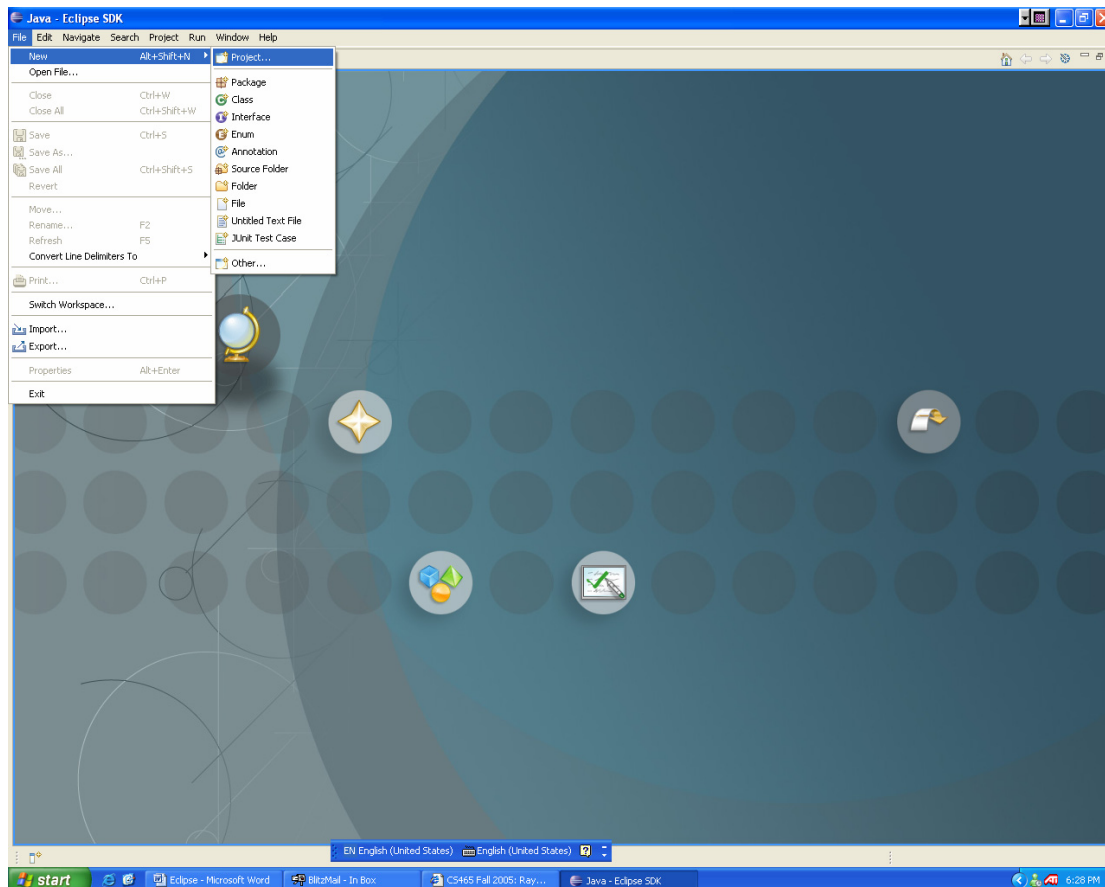
From <http://www.eclipse.org/>! Visit the website, choose the SDK for your platform (Windows, Linux, etc) and download it for installation. You will typically get a zip file, which contains an eclipse directory, with an eclipse executable file in it.

## Getting Started:

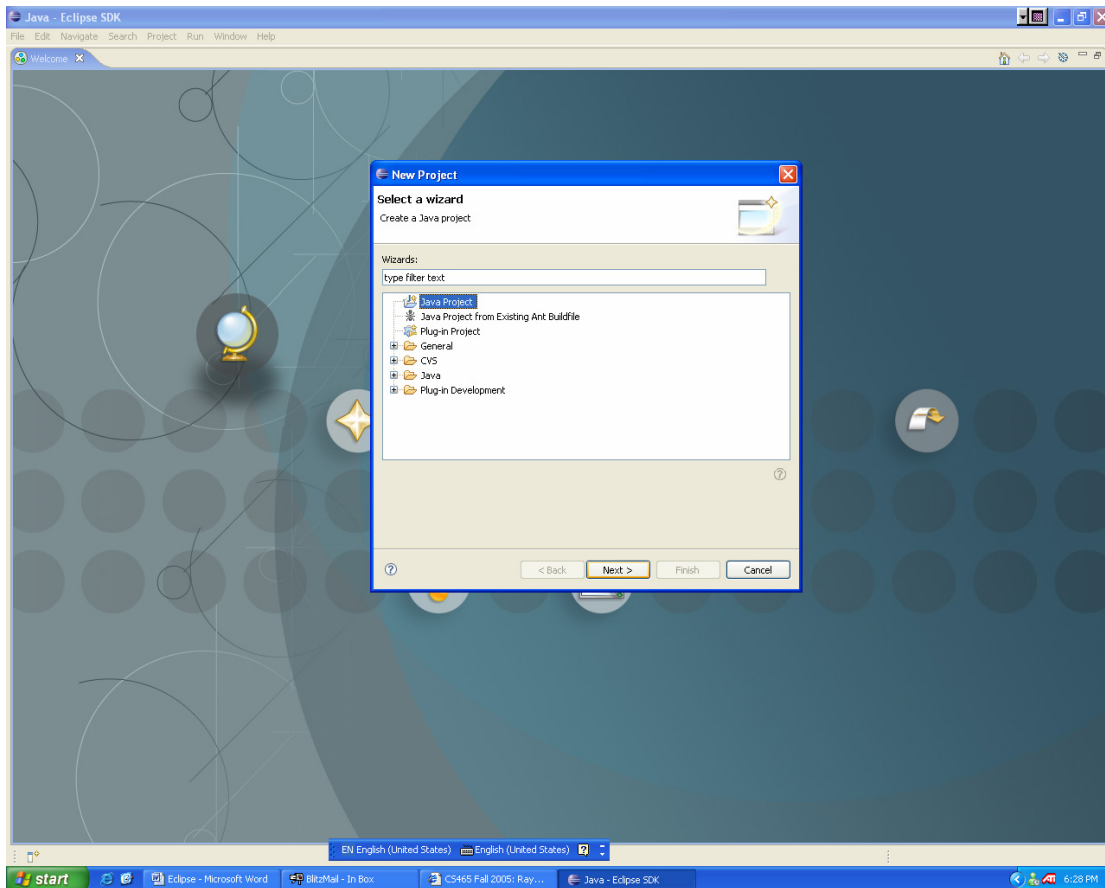
Like many other IDEs, projects are the basic programming units. To get started with your Eclipse journey, you may want to create a new project first.

You can follow these steps to get started with your eclipse:

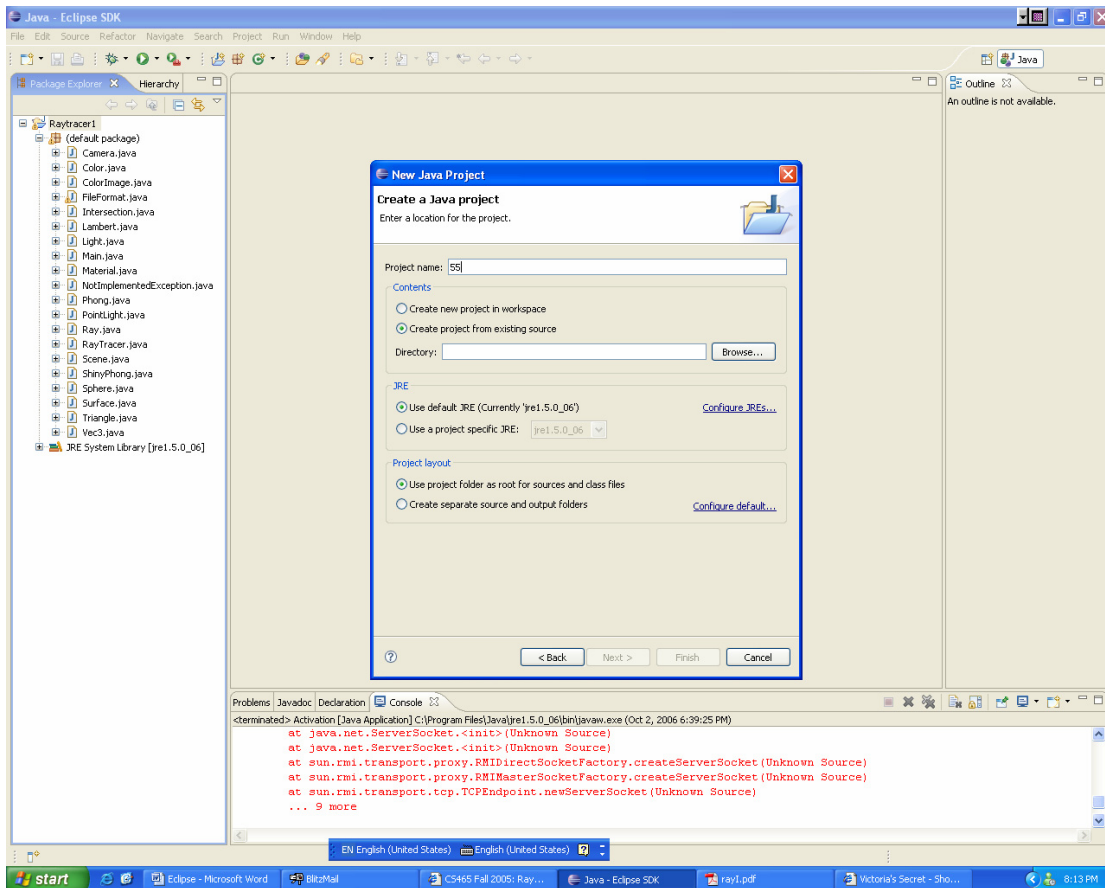
1: File->New->Project



2: Choose “java project” and press “next” button.



3: Name your project, such as “Raytracer1” and choose “create project from existing source”:



4: Browse and find the directory of the source code of the framework, which can be downloaded from <http://www.cs.dartmouth.edu/~cs52>.

5: Press “finish” button.

Now, you can start coding with Eclipse. Like other IDEs, in the Eclipse window, you can browse the tree of java packages of your projects, and you can easily open and edit the .java files by double clicking the files. After writing the code, you can debug and run your code, and execute it.

For further questions, please go to <http://www.eclipse.org> for help documents, or send emails to us.