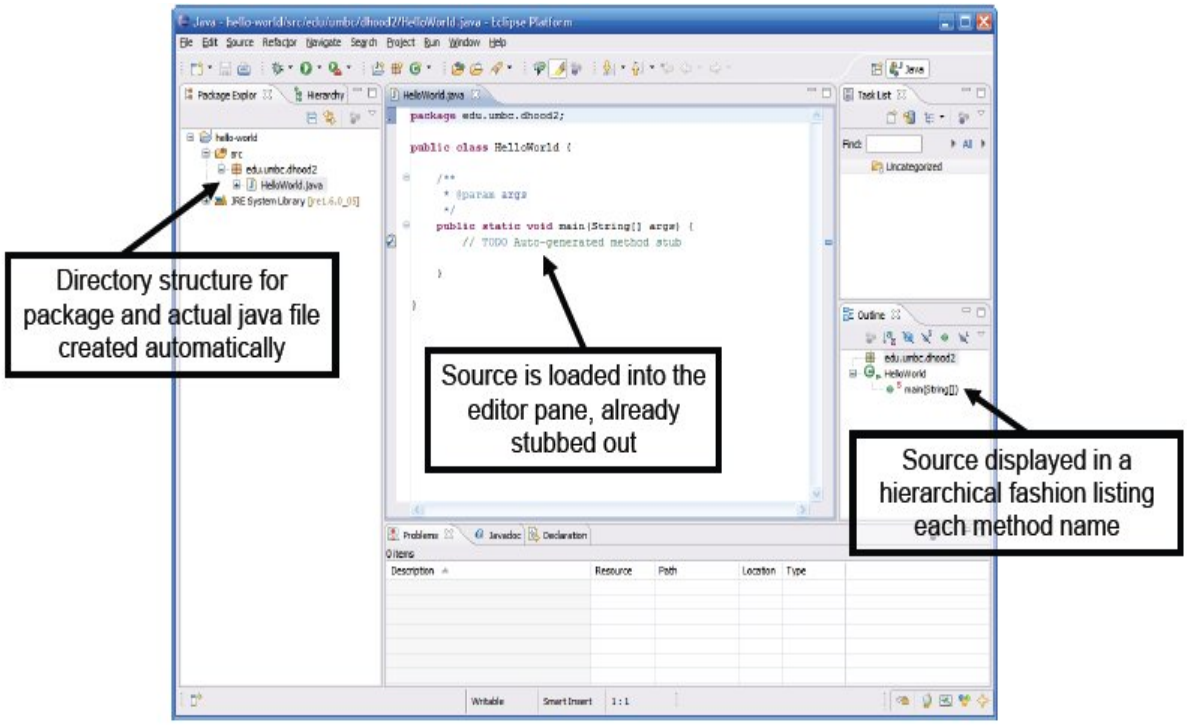
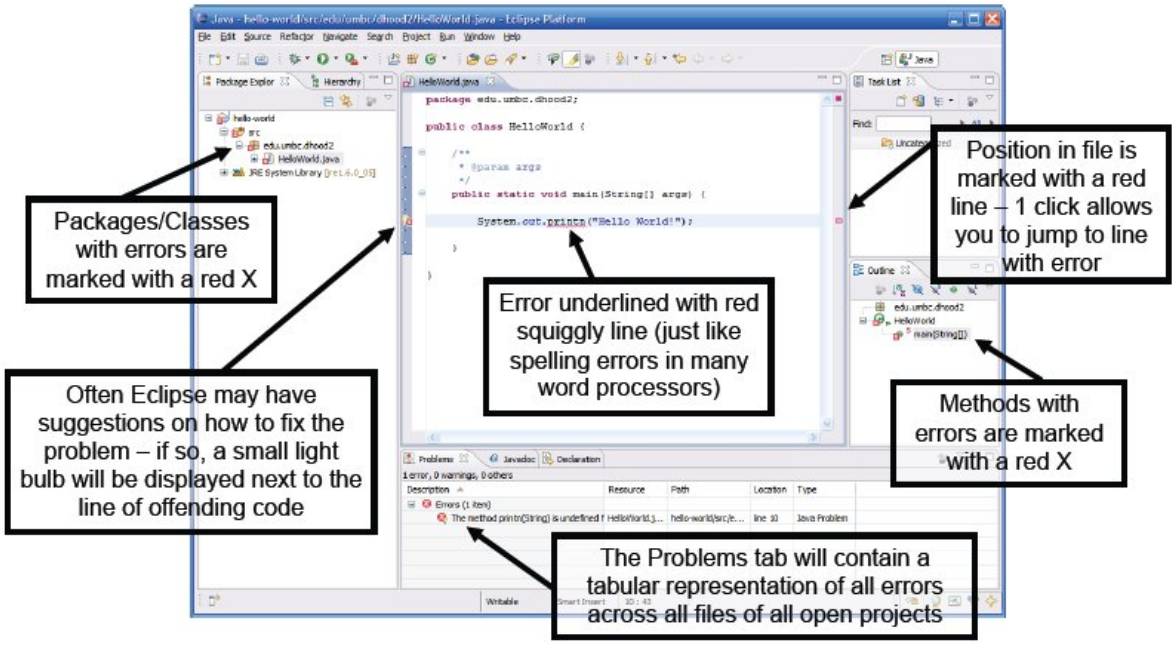
The class is created as shown below:



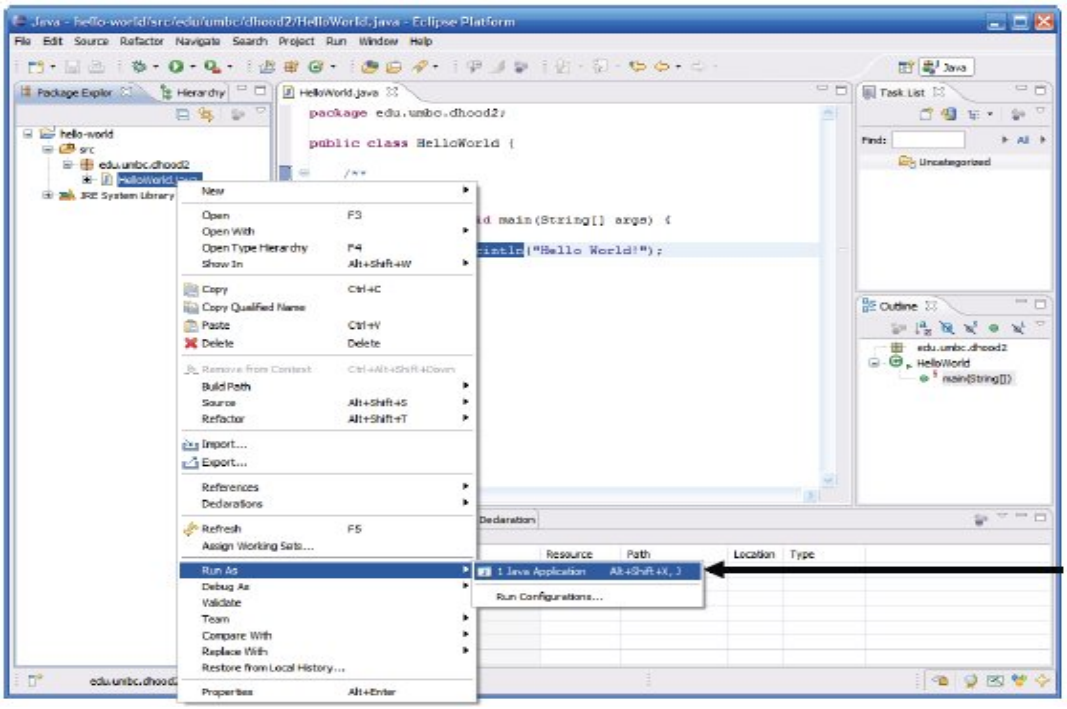
Compiling Source Code

- One big advantage/feature of Eclipse is that it automatically compiles your code in the background.
- No longer need to go to the command prompt and compile code directly.
- Iterative development is the best approach to developing code, but going to command prompt to do a compile can interrupt the normal course of development.



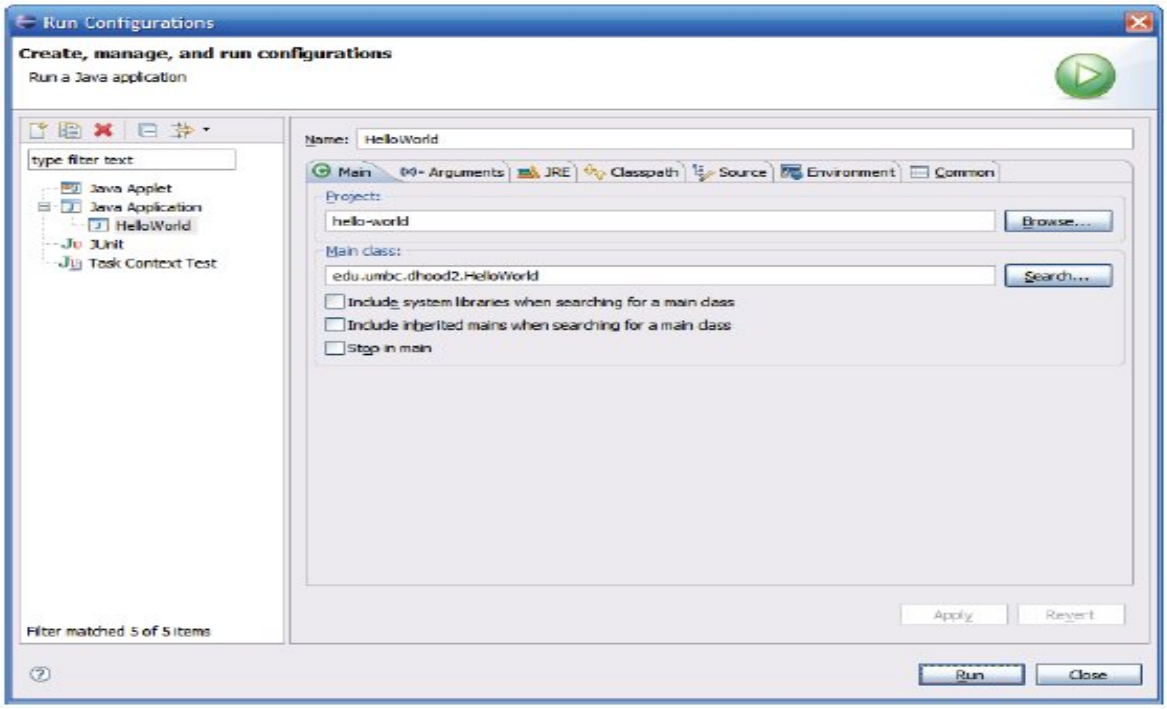
Running Code

- An easy way to run code is to right click on the class and select Run As → Java Application.
- The output of running the code can be seen in the Console tab in the bottom pane.



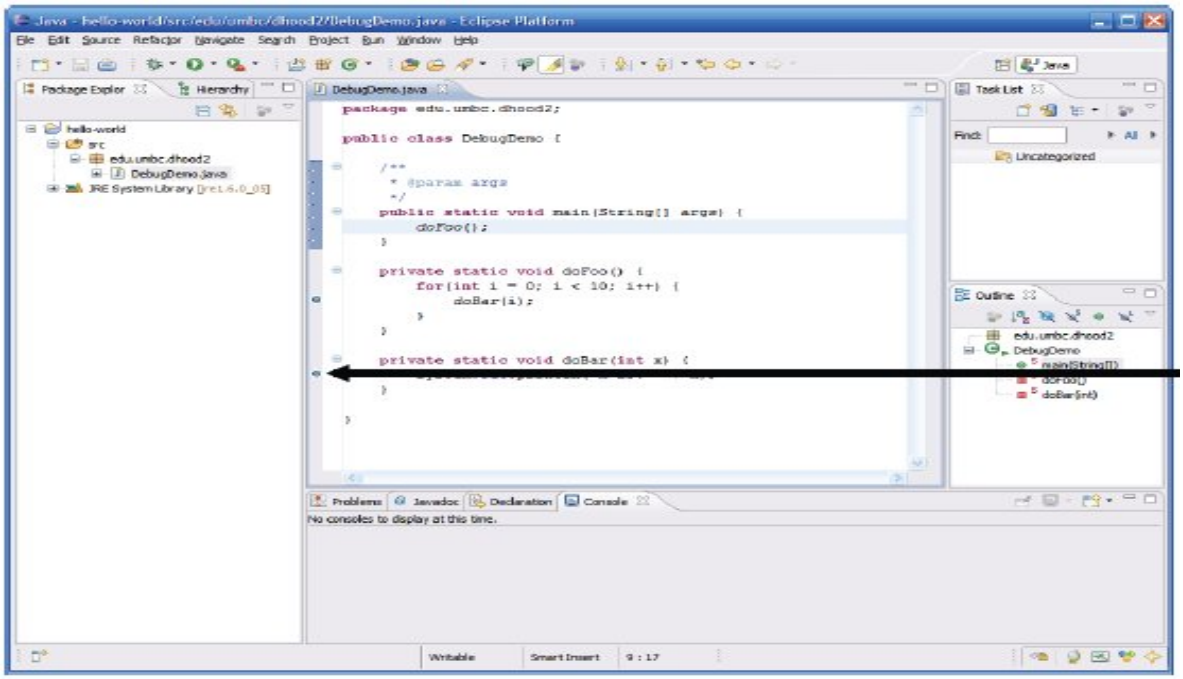
- Advanced options for executing a program can be found by right clicking the class then clicking Run As → Run Configurations

- Here you can change/add any of JVM arguments, Command line arguments, Class path settings, Environment, variables etc.



Debugging Code

- Eclipse comes with a pretty good built-in debugger.
- You can set break points in your code by double clicking in the left hand margin break points are represented by these blue bubbles.



- An easy way to enter debug mode is to right click on the class and select Debug As → Java Application.
- The first time you try to debug code you will be presented with the following dialog.
- Eclipse is asking if you want to switch to a perspective that is more suited for debugging, click Yes.
- Eclipse has many perspectives based on what you are doing (by default we get the Java perspective).