**Instructions  for Week 2:**

Dear Java EE Students,

 Yesterday ( 9/17/2011) we had our usual  weekly face to face class. In the class students installed Eclipse, JDK and Glassfish server and ran one or two test programs. The test program is C2F ( Celsius to Fahrenheit) and F2C temperature converter using console input and output.

Write a java program to accomplish the following:

1. Display a welcome message – “Welcome to ‘your first name’  Java EE program”

2. Next Line Display - “C to F and F 2 C Temperature Converter”

3. Enter choice: F/f ( for output in Fahrenheit) or C/c ( for output in Celsius)

4. Get the input F or C

5. Display a message based on the above choice:

“Enter Temperature in Fahrenheit” or “Enter Temperature in Celsius”

6. Get the input, validate, calculate  and display the result.

Prompt the user “Do you wish to continue”.

7.  If the user input ‘Y/y’ go back to step 3 or if the input is ‘N/n’ , exit the application, with a thanking message

“Thanks for using your first name’s program”

Run the program on stand alone java console (JDK /JRE) and Java EE server. Save the test output screen shots and the source code, zip together and turn in as second week’s home work.

Video’s on detailed tutorial on using eclipse is available on the following link

<http://jaguar.sjcc.edu/web/courses/CS173/Video/>

The ‘Video Links’ page on Blackboard contains video training materials on various topics.

Summary of tasks to complete all online and face to face students before the end of this week ( 9/24/2011)

1. Read the material in the chapters 1 & 2 of the text book. The textbook is just for reference, for current information, you need to depend on the online documentation.

2. Install Eclipse, JDK and Java EE Server on your home  computer, laptop or class computer

and test the installation. ( write ‘Hello world’ program and run it)

3. Edit, compile and run the above Temperature controller program

4. Post / Respond at least once on the “Eclipse Installation” discussion board. Every student should participate in each discussion board at least once.

Thank you