

# ESC101 : Fundamental of computing

Tutorial sheet 11

6 November, 2008

Topics covered :

- Binary search
- Quick Sort
- Input and Output (only elementary stuff)

For exact details of the topics which are covered, please consult the lecture notes available on the course webpage.

This is the last tutorial since next Thursday is a holiday. So first priority is to clarify any doubt which the students might have. Also note that, in the last 20 minutes **there will be a quiz**.

1. Clarify **any doubt** which the students might have. Take special care of the weak/shy students if possible.
2. You may discuss some problem from the set of practice problems given in the file **recur-exercise.pdf** on the course webpage (see the row of Lecture 33).
3. Discuss **Bubble sort**. You should not analyze the running time, since I have to start the topic of analysis of running time from Friday. Just explain the logic to them and then write the code. Try to prove correctness (at least informally) of bubble sort.