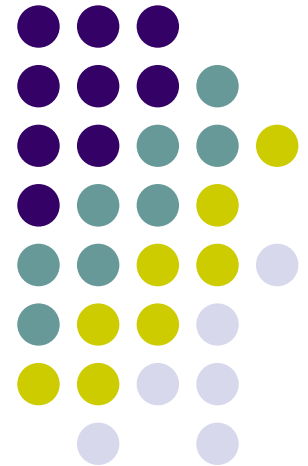
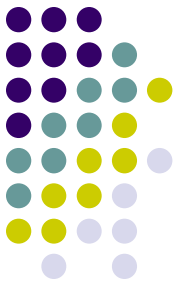


Review for Exam 1

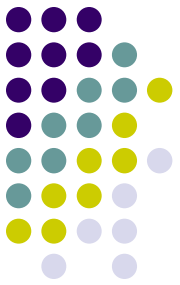
B. Ramamurthy





Topics for the test

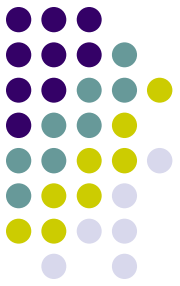
- Chapters 1, 2 and 3
- General concepts about computer systems
 - Chapter 1: 1.2,1.3
- Problem solving steps and Simple C++ programs
 - Data types: char, int, double, Boolean, string
 - Arithmetic Operators: +, -, %, /
 - Relational operators: > >= <= != ==
 - Boolean operators: && ||
 - Simple input/output
 - Preprocessor commands
 - Pseudo code/algorithm writing
 - Program structure
 - Chapter 2: 2,2.2.3,2.4,2.5, 2.8 (basic math library functions)



Topics for the test (contd.)

- Control Structures
 - if statement
 - if..else statement
 - switch statement
 - while statement
 - for statement
 - do while statement
 - Relational operators.. Conditional expressions
 - Chapter 3: 3.2,3.3, 3.4

Exam Format and point distribution (tentative)

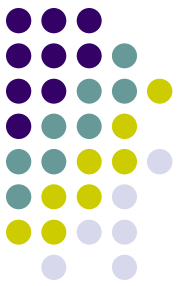


- Match the lists – 20 points
- Multiple choice – 40 points
- Given a problem write the stepwise solution (algorithm) – 20 points
- Given a problem write the C++ code – 20 points
- Closed book exam. We will give the syntax of statements you need for code writing. No need to memorize them.



What to bring to the exam?

- Pencils, pens, and erasers
- No calculators allowed
- Be on time
- Bring any form of picture ID.



How to prepare?

- Read the chapters and sections indicated.
- Keep the class notes as guideline.
- Work on relevant exercises at the end of the chapters.
- Write the code, excute and check the correctness on Visual C++ environment.
- Stop by my office or send mail to me or TA for any questions you may have.