

COP 3330 Final Exam
Spring 2002
4/24/02

Lecturer: Arup Guha
Name: _____

(Notes: Place the answer to each multiple choice question on the blank(_____) provided for you. Also, on the multiple choice questions, give the most accurate answer. Thus, if both a and d are correct choices, choose the choice that says, "a and d.")

1) (3 pts) Which of the following is true about comments? _____

- a) They have to be written in English.
- b) They speed up the execution of the program.
- c) They must be included in any program that compiles.
- d) None of the above

2) (3 pts) Which of the following are NOT reserved words in Java? (You may have more than one answer.) _____

- a) if
- b) String
- c) static
- d) args
- e) while

3) (5 pts) Java is an interpreted language. Why do interpreted languages generally execute slower than compiled ones?

4) (3 pts) Which of the following is a run time error in Java? _____

- a) Missing semicolon
- b) Null Pointer Exception
- c) Unknown identifier
- d) Nontermination Exception
- e) Type mismatch

5) (5 pts) List three syntax errors you commonly make when you code. Why do you think you make these more frequently than other possible syntax errors?

6) (5 pts) What is one logic error you have made while coding one of your assignments? How did you catch the error? How did you fix the error?

7) (3 pts) Which of the following is NOT a primitive data type? _____

- a) byte
- b) float
- c) Integer
- d) char
- e) boolean

8) (3 pts) Which of the following testing methods requires you to inspect all of the code to create a valid set of test cases? _____

- a) white-box testing
- b) gray-box testing
- c) black-box testing
- d) none of the above

9) (3 pts) Which of the following expressions represents the concatenation of the String x to the String y? _____

- a) x+y
- b) y.concat(x)
- c) x.concat(new String(y.toCharArray()))
- d) x*y
- e) All of the above
- f) a and c
- g) None of the above