CMPE50, Fall 2018, Tarng

Sample Midterm I

Last Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ First Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ ID: \_\_\_\_\_\_\_\_\_\_

TRUE/FALSE

1. A derived class can access, i.e., read/write, all the member variables from the base class.
2. The derived class may define variables and member functions other than those that are in the base class.
3. (more questions …)

SHORT ANSWER

1. The ifstream class is derived from the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ class.
2. Write the code to declare a two dimension array of integers with 10 rows and 20 columns. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. (more questions…)

MULTIPLE CHOICES

1. What are the valid indexes for the array shown below?

int myArray[25];

* 1. 0-25
  2. 0-24
  3. 1-25
  4. 1-24

1. strcmp(first, second) returns
   1. <0 if first < second, 0 if first == second, positive otherwise
   2. true if first=second, false otherwise
   3. nothing, it's a void function
   4. >0 if first < second, 0 if first > second, <0 otherwise
2. (more questions…)

PROGRAMMING

1. Implement the following function, where the input is a character and it returns true if ch is a whitespace and false otherwise.

bool isWhitespace(char ch);

1. (more questions …)