

## ECET 3810 – Practice Problem Set 5

- 1) Write the line of code that loads an image file from the following URL:

`http://www.mysite.com/carImage.jpg`

- 2) A class named AUVData2 implements the IData interface. Using both the class and interface name write the line(s) of code necessary to create an IData object.
- 3) Which reserved keyword is used to throw an exception, not pass it to a higher method in the call stack?
- a. throw
  - b. throws
  - c. finally
  - d. try
  - e. catch
  - f. None of the above
- 4) Vertically arrange the following exceptions types in the proper order that they should occur in subsequent catch blocks from top (first catch) to bottom (last catch).

RuntimeException, IllegalArgumentException, Exception, NumberFormatException

- 5) Which UML symbol represents an association?
- a. Straight line
  - b. Dashed arrow
  - c. Solid arrow
  - d. Ball and socket

- e. Double angle bracket
- f. None of the above

6) Draw a simple UML diagram to represent the following items:

*Car* class with constructor, private *accelerate* method with void return type, private *getYear* method with int return type, private *year* integer, public *name* String, and a public *accelItf* IAccel object.

*IAccel* interface with an abstract *accelerate* method

*CarGUI* class with constructor. This class consumes services from an IAccel interface

7) Which of the following classes has an *accept* method used to receive client requests?

- a. ServerSocket
- b. BufferedReader
- c. Socket
- d. PrintWriter