

# CS 180 Final Exam Practice I

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1. (4 points) Which of the following is not a loop type in Java?
  - A. For-each
  - B. Do-While
  - C. For
  - D. **For-every**
  - E. While
2. (4 points) What is the default access modifier if left unsigned in Java?
  - A. private
  - B. public
  - C. **package-private**
  - D. protected
  - E. default
3. (4 points) What concept is it called for Java deciding which method to use when incorporating a list of an abstract class?
  - A. Static Binding
  - B. **Dynamic Binding**
  - C. Dynamic Deciding
  - D. Static Deciding
4. (2 points) If given data is read in the improper order, what happens in Java?
  - A. IOException is thrown
  - B. The program runs nominally
  - C. A Runtime error occurs
  - D. **OptionalDataException is thrown**
5. (2 points) What is the name of the thread the Java GUI occurs in?
  - A. **Event Dispatch Thread**
  - B. Event Detail Thread
  - C. Event Debut Thread
  - D. Event Description Thread
6. (2 points) Evaluate the following RPN Expression: 11 22 33 55 + \* -
  - A. **1034**
  - B. 66
  - C. 1155
  - D. 1029
7. (2 points) An Associative Array is also known as:
  - A. LinkedList
  - B. **HashMap**
  - C. Binary Tree
  - D. ArrayList

8. (2 points) What is the most efficient order of traveling a binary tree?

- A. Preorder Traversal
- B. **Inorder Traversal**
- C. Postorder Traversal
- D. All traversal methods are equally efficient

9. (2 points) What would the following code output?

```
public static void main(String[] args) {  
    int x = 2;  
    System.out.println(++x + x++);  
}
```

- A. 5
- B. **6**
- C. 7

10. (6 points) What is the method signature of the following method?

```
public static int doTransaction(int tax, int price) throws ArithmeticException
```

- A. int doTransaction(int tax, int price)
- B. **doTransaction(int tax, int price)**
- C. static int doTransaction(int tax, int price)
- D. doTransaction(int tax, int price) throws ArithmeticException
- E. public static int doTransaction(int tax, int price)