

CS 2501: DSA1 Weekly Quizzes

Name _____

You MUST write your e-mail ID on **EACH** quiz page that you choose to complete. Please put your name on the top of each page you complete as well.

You may complete up to two pages of this quiz booklet. If you complete more than that, we will only grade two of the pages (which two is up to our discretion).

There are 2 pages to this quiz booklet. Once the time starts, please make sure you have all the pages.

This quiz is CLOSED text book, closed-notes, closed-calculator, closed-cell phone, closed-computer, closed-neighbor, etc. Questions are worth different amounts, so be sure to look over all the questions and plan your time accordingly. Please sign the honor pledge below.

*A crash reduces
Your expensive computer
To a simple stone.*

	a b c d e f g h i j k l m n o p q r s t u v w x y z		Do not write in this area					
	a b c d e f g h i j k l m n o p q r s t u v w x y z		Department	Course	Exam	Page	Version	
	a b c d e f g h i j k l m n o p q r s t u v w x y z		<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
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Module 1: Basic Java 1

Your TA will select one of the following short answer questions for you to answer:

- What is the difference between a float and a double (looking for high level description here)?
- Java is strongly typed. What does this mean? Give an example to illustrate your point.
- Describe one difference between primitive and Object types in Java.
- Briefly, what is the Java API and why is it useful?
- What is casting? Provide an example to illustrate your point.

1. [1 points] Answer the question that was selected.

2. [1 points] For this question, write a simple java program that reads in two variables and does one of the following. Your TAs will randomly select one of these options.

- Reads in two Strings from the keyboard and prints them to the console.
- Reads in two integers from the keyboard and prints their sum to the console.
- Reads in two doubles from the keyboard, converts them to integers, and prints the sum of the integers to the console.

```
//IMPORTS AND SUCH HERE
public class QuizQuestion{
    public static void main(String[] args){
        //YOUR CODE STARTS HERE:
```

```
    }
}
```