CSD 211 Test 4 Fall 2018

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This is an open book test. You have access to Netbeans and Microsoft word

1. Write a program that will create an array of 10 “int”’s, populate the array with the numbers 0 through 9 and then print them out to the console. Use two for loops, one to populate the array, the other to print the array.

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1. Write a program that will create an array of 10 Integer objects, populate the array with the numbers 0 through 9 and then print them out to the console. Use two for loops, one to populate the array, the other to print the array.

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1. Write a program that will create an ArrayList of 10 String objects, populate the array with the Strings from 0 through 9 and then print them out to the console. Use one “for” loop to populate the array. Then
   1. Print out the array with a for loop using an index.
   2. Print out the array with a “for each” loop.
   3. Print out the array with a for loop using an iterator.

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1. What is jdbc?

**Java Database Connectivity (jbdc) is an application programming interface, which is how a client may access a database. It is a Java-based data access technology used for Java database connectivity. It is part of the Java Standard Edition platform.**

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1. Briefly describe the steps involved in creating the database version of the used car lot app (or any java based database app). Start with how you setup your project (the driver), how you used mysql workbench and how you create, update and delete records.   
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**First you must import the JBDC packages import java.sql.Connection; import java.sql.DriverManager; import java.sql.ResultSet; import java.sql.SQLException; import java.sql.Statement;. then you must install the database drivers to your project. Then you must establish a connection with your code and mysql workbench. Then you can add sql commands to create, update and delete records.**