**Lab 5 – SQL**

**Each problem is worth one point. No partial credit will be given. This lab is worth a total of 15 points.**

**From this lab forward, please notice if a result table is in a particular order. If it is you must use the order by clause. Failure to do so will result in 0 points for that specific problem.**

**Place all answers into ONE .sql file. Attach that file to the Dropbox for Lab 5 in D2L. Only one .sql file will be accepted.**

**\*\*\*\* Use the Dual table for the following questions \*\*\*\***

**1. Display the integer division, full division, and mod of 7/3. Use the Dual table.**

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**2. Display the ceiling and floor values of 5.768 and -2.35. Use the Dual table.**

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**3. Display the absolute value of -3.4, 0 and 4.01. Use the Dual table.**

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**4. Using the value 9.58348, display the following result table using only the round function.**

**Use the Dual table.**

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**5. Display the number of years between August 15, 2011 and December 4, 1865.**

**Use the Dual table.**

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**6. Display the current date and time one hour ago. Use the Dual table. Your answer will be**

**dependent on todays’ date and time.**

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**7. Display the current year. Use the Dual table.**

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**8. Display the results to 3 decimal places of solving the quadratic formula using the following values: a=1, b=5, c=1. Use the Dual table.**



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**9. Display the current date 3 months ago. Use the Dual table. Your answer depends on**

**when you run this query.**

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**10. Display the last day of the current month. Use the Dual table. Your answer depends on**

**when you run this query.**

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**11. Display the time zone used by the Oracle database server. Use the Dual table.**

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**12. Display the number of days left in the current month. Use the Dual table. Your answer**

**depends on when you run this query.**

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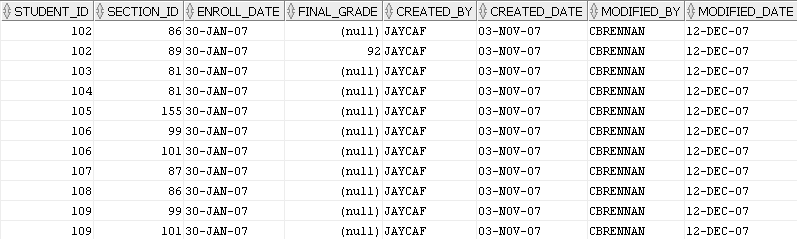
**13. Using the power function, display the number 7 raised to the 8th power. Use the Dual**

**table.**

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**\*\*\*\* Use the Student table space for the following questions \*\*\*\***

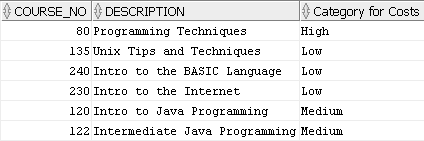
**14. Display all students that enrolled in January. Use the Enrollment table.**

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**15. Display all course costs as per the following result table. You must use the Case function.**

**Use the Course table. $<1100 Low, $<1500 Medium, $>1500 High**

**Partial Result Table (30 rows total)**

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