**ITS 180 DATABASE MANAGEMENT SYSTEMS – NOTES**

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| Week 1 Lesson 1 |
| Reading  Instructions  Read Chapters 1 and 2 of Matthew, N., & Stones, R. (2005). Beginning Databases With Postgresql: from Novice to Professional. New York, NY: Springer-Verlag. |
| Supplemental Material  Instructions  PostgreSQL Tutorial For Beginners:  [PostgreSQL Tutorial For Beginners | Learn PostgreSQL | Introduction to PostgreSQL | Edureka - YouTube](https://www.youtube.com/watch?time_continue=288&v=-VO7YjQeG6Y&feature=emb_logo)  Learn PostgreSQL Tutorial - Full Course For Beginners:  [Learn PostgreSQL Tutorial - Full Course for Beginners - YouTube](https://www.youtube.com/watch?v=qw--VYLpxG4&feature=emb_logo) |
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| Week 1 Lesson 2 |
| Reading  Instructions  Read Chapter 3 of Matthew, N., & Stones, R. (2005). Beginning Databases With Postgresql: from Novice to Professional. New York, NY: Springer-Verlag.  Connect to the online tutorial as noted below:  The tutorial we'll use to work with a database and the PostgreSQL interface is at the website:  <https://www.postgresqltutorial.com/>  It has instructions on using the command line version to manipulate the database and also the graphical interface which allows you to see all the database "pieces" easily.  This tutorial also supplies a database named "dvdrental" and it has tables, indexes, views and all the items to run a business database. |
| Supplemental Material  Instructions  Below are online tutorials and links:  <https://www.postgresqltutorial.com/>  It has instructions on using the command line version to manipulate the database and also the graphical interface which allows you to see all the database "pieces" easily. This tutorial also supplies a database named "dvdrental" and it has tables, indexes, views and all the items to run a business database.  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  How to Create a Database in PostgreSQL using SQL Shell (psql) and GUI method (pgAdmin4):  <https://www.guru99.com/postgresql-create-database.html>  \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*  Guru99 PostgreSQL tutorial site:  <https://www.guru99.com/postgresql-tutorial.html> |
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| Week 2 Lesson 3 |
| Reading  Instructions  Read Chapters 4 and 5 of Matthew, N., & Stones, R. (2005). Beginning Databases With Postgresql: from Novice to Professional. New York, NY: Springer-Verlag. |
| Supplemental Material  Instructions  Download the following \*.sql files that are required to complete Week 2 Assignments 1 and 2:  Creates all tables of the bpsimple database:  /files/5554397/create\_tables-bpsimple.sql  Populates all of the tables of the bpsimple database:  /files/5554397/pop-all-tables.sql |
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| Week 2 Lesson 4 |
| Reading  Instructions  Read Chapter 6 of Matthew, N., & Stones, R. (2005). Beginning Databases With Postgresql: from Novice to Professional. New York, NY: Springer-Verlag. |
| Supplemental Material  Instructions  Week 2 Zoom Meeting Slides: /files/5554397/ITS\_180\_Week\_2\_Zoom\_Meeting.pptx |
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| Week 3 Lesson 5 |
| Reading  Instructions  Read Chapters 7 and 8 of Matthew, N., & Stones, R. (2005). Beginning Databases With Postgresql: from Novice to Professional. New York, NY: Springer-Verlag. |
| Supplemental Material  Instructions  There are no supplemental material(s) for this Lesson. An announcement will be made when any material will be made available. |
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| Week 3 Lesson 6 |
| Reading  Instructions  Read Chapter 9 of Matthew, N., & Stones, R. (2005). Beginning Databases With Postgresql: from Novice to Professional. New York, NY: Springer-Verlag. |
| Supplemental Material |
| Interface gráfica do usuário, Texto, Aplicativo, chat ou mensagem de texto  Descrição gerada automaticamenteInterface gráfica do usuário, Texto, Aplicativo, chat ou mensagem de texto  Descrição gerada automaticamenteInterface gráfica do usuário, Texto, Aplicativo, chat ou mensagem de texto  Descrição gerada automaticamenteInterface gráfica do usuário, Texto, Aplicativo, chat ou mensagem de texto  Descrição gerada automaticamente |
| Week 4 Lesson 7 |
| Reading  Instructions  Read Chapters 10 & 11 of Matthew, N., & Stones, R. (2005). Beginning Databases With Postgresql: from Novice to Professional. New York, NY: Springer-Verlag. |
| Supplemental Material |
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| Week 4 Lesson 8 |
| Reading  Instructions  Read Chapter 12 of Matthew, N., & Stones, R. (2005). Beginning Databases With Postgresql: from Novice to Professional. New York, NY: Springer-Verlag. |
| Supplemental Material |
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| Week 5 Lesson 9 |
| Reading  Instructions  Read Chapters 13 & 14 of Matthew, N., & Stones, R. (2005). Beginning Databases With Postgresql: from Novice to Professional. New York, NY: Springer-Verlag. |
| Supplemental Material |
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| Week 5 Lesson 10 |
| Reading |
| Supplemental Material |
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| Week 6 Lesson 11 |
| Reading |
| Supplemental Material |
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| Week 6 Lesson 12 |
| Reading |
| Supplemental Material |