

HW Assignment: (Not required to submit for grading, but the questions on Midterm Exam will be modeled after the questions in the assignment)

Part 1:

Required reading materials

Modern Database Management: Ch 1, 2, and 3

Required Problems:

Modern DBMS (p44), do review questions 1, 2, 3, 4, 5, 7; (p45) do problem & exercises 1-15

Modern DBMS (p101-102), do review questions 1, 2, 14, 15; (p102-106) do problem & exercises 1, 4, 5, 9, 11, 12, 14, 17

Modern DBMS (p143), do review questions 1, 2, 3; (p144) do problem & exercises 2, 3, 4

Part 2:

Required reading materials

Modern Database Management: Chapter02 Modeling Data in the Organization

Modern Database Management: Chapter03 Enhanced ER Model

Modern Database Management: Chapter04 Logical Database Design and the Relational Model
(Normalization 1NF, 2NF, 3NF and BCNF)

Required Problems:

Do Review Questions 3, 13 from Modern Database Management Book (Page 101-102)

Do Problems and Exercises 8, 13, 16, 19 from Modern Database Management Book (Page 102-109)

Do Review Questions 4, 7, 8, 9, 16 from Modern Database Management Book (Page 143-144)

Do Problems and Exercises 12, 14, 15, 17 from Modern Database Management Book (Page 144-146)

Do Review Questions 1, 2, 3, 8, 12, 14, 21 from Modern Database Management Book (Page 194)

Do Problems and Exercises 1 (I, II, III)a, 2 (I, II, III)a, 3, 8, 12, 15, 25 from Modern Database Management Book (Page 195-202) (19, 26)

Part 3:

Required reading materials

Beginning SQL: Ch2, 3, 4

Beginning MySQL Ch4, 6

Beginning MSSQL Sever 2008 Programming: Chapter1-4

Required Problems:

Do Exercise Questions 1, 2, 3 from Beginning SQL Book (Page 51)

Do Exercise Questions 1, 2, 3, 4 from Beginning SQL Book (Page 116)

Do Exercise Questions 1, 2 from Beginning SQL Book (Page 155)

Do Exercise Questions 1, 2, 3, 4, 5 from Beginning MySQL Book (Page 137)

Do Exercise Questions 1, 2, 3, 4, 5 from Beginning MySQL Book (Page 228)

Do Exercise Questions 1, 2, 3, 4 from Beginning MSSQL 2008 Programming Book (Page 79)

Do Exercise Questions 1 from Beginning MSSQL 2008 Programming Book (Page 112)