

STUDENT ACTIVITY 4.1

MTA Course: Database Administration Fundamentals

Topic: Understand normalization

File name: DBAdminFund_SA_4.1

Lesson Objective:

4.1: Understand normalization. *This objective may include but is not limited to:* understanding the reasons for normalization, the five most common levels of normalization, how to normalize a database to third normal form.

Content:

Create tables as indicated here for each of the first three normalization forms.

Last	First	Birthday	Tuition	Sex	Subject	Room	Start Time 1	Subject2	Room2	Start Time 2	costs class1	cost class2	fees per hour1	credit hours class 1	credit hours class 2	fees per hour2
Holt	Holly	10/5/1990	10000	F	English	Hall A	1:00 PM	Social Studies	4576c	6:00 PM	480	700	120	4	5	140
Raheem	Michael	6/18/1990	4000	M	CIS	Hall 12	3:00 PM	Social Studies	4576c	6:00 PM	600	700	150	5	5	140

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Raheem	Michael	6/18/1990	4000	M	CIS	Hall 12	3:00 PM	Social Studies	4576c	6:00 PM	600	700	150	5	5	140
Jacobsen	Lola	8/7/1997	9000	F	Social Studies	4576c	6:00 PM	English	Hall A	1:00 PM	700	480	140	5	4	120
Higa	Sidney	11/21/2000	12000	F	English	Hall A	1:00 PM	Math	2354c	4:00 PM	480	1404	120	4	6	234
Johnson	Brian	4/15/1989	500	M	English	Hall A	1:00 PM	Math	2354c	4:00 PM	1404	1701	234	6	3	567
Raheem	Michael	6/18/1990	4000	M	CIS	Hall 12	3:00 PM	Social Studies	4576c	6:00 PM	600	700	150	5	5	140
Bentley	Sean	2/17/1990	350	M	Science	Hall B	2:00 PM	Social Studies	4576c	6:00 PM	1701	700	567	3	5	140
Price	Jeff	10/5/1990	2000	M	Social Studies	4576c	6:00 PM	CIS	Hall 12	3:00 PM	700	600	140	5	5	150
Raheem	Michael	6/18/1990	4000	M	CIS	Hall 12	3:00 PM	Social Studies	4576c	6:00 PM	600	700	150	5	5	140
Ashton	Chris	1/1/1951	50	M	Social Studies	4576c	6:00 PM	CIS	Hall 12	3:00 PM	480	1404	120	4	6	234

