

PROG8080 Database Management Assignment 4

Use the SIS database for this assignment.

Remember to search using the primary key in your WHERE clauses.

Due July 2 11:59pm

Name	INDU TANEJA
Person Number	7424476
Home Street Address	FLAT NO. 100 TRIVENI APARTMENTS PITAM PURA
Home City	NEW DELHI
Home Province	<i>Only recorded for addresses in Canada and the United States</i>
Home Country	India
Home Postal Code	110034
Local Street Address	442 GIBSON ST N
Local City	Kitchener
Local Postal Code	N2M 4T4
Main Phone	0141-6610242
Other Phone	94324060195
Local Phone	(226) 147-2985
College Email	iteneja@conestogac.on.ca
Personal Email	iteneja@bsnl.co.in
Birth Date	October 7 1989
International student?	Yes
Account balance	\$1,130.00
Academic Status	No problems
Financial Status	Has arranged with the Registrar's office to pay the remainder of her tuition by the end of October
Program	Computer Applications Development
Program Status	Currently studying and enrolled in the first semester
Sequential Number	0 (zero)

#	Question	Table(s)	Marks
1.	<p>Delete the Person record for Indu Taneja.</p> <div> <p>Why delete this record now? Because as soon as you add the code to INSERT the record below, it will fail if the record already exists. When you delete the record at the beginning of the script, you can run the script as many times as you need to without this error.</p> </div> <p>Note how ON DELETE CASCADE uses <i>number</i> to delete references to Indu Taneja in related tables.</p> <p>Delete Course records for 'BUS1070' and 'LIBS1010';</p>	<p>Person</p> <p>Course</p>	5
2.	<p>List the courses that are offered in the first semester in the ITID program. Include the course number, credit hours, credits, and course name in the result. Order your answer by course number ascending. Use only subqueries to</p>	<p>Program</p> <p>Course</p> <p>ProgramCourse</p>	7

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#	Question	Table(s)	Marks
	produce your answer. The only literal constant you can use is the string "ITID".		
3.	List the students who have made individual payments, by cheque or cash only, in any amount greater than \$1000.00. Include the student number, first and last name in your answer. Order the answer by student's last name. Do not use a join to produce the result.	Person Payment PaymentMethod	5
4.	List the names of the international students who are enrolled in any College program that leads to a post-graduate Certificate. Order the result by student's last name. Do not use a join to produce the result.	Person Student StudentProgram Program Credential	8
5.	Insert a Person record for Indu Taneja. Show all columns for the record you just added.	Person	4
6.	Insert a Student record for Indu Taneja. <i>Show number, isInternational, academicStatusCode, financialStatusCode, sequentialNumber and balance for Indu Taneja.</i> <i>Show localStreet for Indu Taneja.</i> <i>Show localCity and localPostalCode for Indu Taneja.</i>	Student	3
7.	Inspect the Program table to find the program code for the CAD program. Insert a StudentProgram record that puts Indu Taneja in the CAD program. Use the Program code that you looked up, <i>Show studentNumber, programCode, semester and programStatusCode for Indu Taneja.</i>	Program StudentProgram	3
8.	Inspect the CourseOffering table and find the <i>id</i> for PROG8080 in the Fall 2014 (F14) session. Insert a CourseStudent record that puts InduTaneja in PROG8080 in the Fall 2014 session. Use the CourseOffering <i>id</i> that you looked up. <i>Show courseOfferingId, studentNumber and finalMark for Indu Taneja.</i>	CourseOffering CourseStudent	3

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9.	<p>Insert a Course record for LIBS1010. Use a column list in your INSERT statement.</p> <p>Show all columns for LIBS1010.</p> <table><tr><td>LIBS1010</td><td>Critical Thinking Skills Pensée Critique</td><td></td></tr></table> <div><p>Description: This course is designed to provide students with knowledge and skills to make decisions based on carefully focused and deliberately determined ways of thinking. The course will take a balanced approach to learning critical thinking skills and will include theory, analysis and experiential applications.</p><p>Hours: 45</p><p>Credits: 3</p><p>Pre-Requisites:</p><p>CoRequisites:</p></div>	LIBS1010	Critical Thinking Skills Pensée Critique		Course	3
LIBS1010	Critical Thinking Skills Pensée Critique					
10.	<p>Insert a Course record for BUS1070. Do not use a column list in your INSERT statement.</p> <p>Show all columns for BUS1070.</p> <table><tr><td>BUS1070</td><td>Introduction To Human Relations Introduction aux relations humaines</td><td></td></tr></table> <div><p>Description: This course provides students with an introduction to human relations, focusing on self-development and interpersonal effectiveness. Students will develop various interpersonal skills by examining theories relevant to those skills. The following topics constitute the specific areas of study in the course: developing self-awareness, building and maintaining relationships, communicating with others, coping with stress, managing one's feelings, and resolving interpersonal conflicts.</p><p>Hours: 45</p><p>Credits: 3</p><p>Pre-Requisites:</p><p>CoRequisites:</p></div>	BUS1070	Introduction To Human Relations Introduction aux relations humaines		Course	3
BUS1070	Introduction To Human Relations Introduction aux relations humaines					

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#	Question	Table(s)	Marks
11.	<p>Inspect the IncidentalFee table to find the <i>id</i> for the 'Technology Enhancement Fee'.</p> <p>Update the 'Technology Enhancement Fee' to \$100.00.</p> <p>Begin a transaction.</p> <p>Update the 'Technology Enhancement Fee' to set <i>amountPerSemester</i> to \$150.00.</p> <p>Rollback the transaction.</p> <p>Show the 'Technology Enhancement Fee'. The <i>amountPerSemester</i> should be \$100.00.</p>	IncidentalFee	3
12.	<p>Begin a transaction.</p> <p>Update the 'Technology Enhancement Fee' to set <i>amountPerSemester</i> to \$200.00.</p> <p>Commit the transaction.</p> <p>Show the 'Technology Enhancement Fee'. The <i>amountPerSemester</i> should be \$200.00.</p>	IncidentalFee	3
			50