DSGN8310 – Database Design

Lab Practical/Lab Test-1

Total Marks-5

Time: 2 hours

Create a database with your last name and the last two digit of your student number. (Example, your last name is Green and your student number is 112231 means your database name will be ***green31***)

Part-1

|  |  |  |
| --- | --- | --- |
| No. | task | Mark(s) |
| 1. | As an international student, can you remember the first arrival day to Canada? If you can not, then choose a date as correct as possible. |  |
| 2. | Write a MySQL procedure (name the procedure as daysinCanada\_yourFirstName) to calculate and return the number of weeks you have been in Canada (as of today). Say you landed/arrived in Canada on 2021-09-03, then test your procedure as CALL daysinCanada\_yourFirstName(‘2021-09-03’); to see the output “123” weeks. | 2 |
| 3. | After completing the coding task, export the code for submission. |  |
| 4 | Add your name and student number at the top of the code file as a comment.  Put necessary comments to explain your code inside the .sql file. |  |

Part-2

|  |  |  |
| --- | --- | --- |
| No | Task | Mark(s)/ |
| 1. | Import **punchtime.sql** (provided) file to create the table in the database you created and load the rows/data. |  |
| 2. | Write a MySQL scheduled event that runs every month to remove/delete all punch times greater than 15:00:00 hours (please follow the table data). | 3 |
| 3. | After completing the coding task, export the code for submission. |  |
| 4 | Add your name and student number at the top of the code file as a comment.  Put necessary comments to explain your code inside the .sql file. |  |

Submission Information:

Create a folder with your **FirstName\_LastName\_LabTest1** that will contain all your .sql files. Please zip the folder and upload it to the **“Lab Test-1”** dropbox.