Assignment 10 Databases

Due: May 7, 2020 at 9 AM   Instructor: Trani

Problem 1

a) Write a paragraph explaining the value of databases in engineering.

b) Explain with an example, a case where you would use a database program instead of Excel or Matlab

Problem 2

Download the file **Sample_Database (My books)** provided in the syllabus web site (Week 15).

Task 1:

Using the Query Design feature in Access, perform a query to find the books that are priced below $29 dollars. Show the results of your query in a table showing the book name, book author, publisher and price. Show the screen capture of the query and the results.

Task 2:

Using the Query Design feature in Access, perform a query to find the average price of books by publisher 1. Show the screen capture of the query and the results.

Task 3:

Using the Query Design feature in Access, perform a query to find the price and publisher of King Lear. Show the screen capture of the query and the results.

Task 4:

Create an output report using Access using the outcome of Task 1. Your report should list the following elements: book name, book author, publisher, ISBN number and price.