Computer ECE 001		
Benha University	**Computer Systems Engineering** **Electrical Engineering Department**	**Faculty of Engineering** **(at Shoubra)**

SHEET 5

Question 1:

Design and complete the following table using the spreadsheet application:

Name	Computer	Math I	Physics I	Sum	Average
Ahmed	100	85	80	……….	……….
Hassan	90	90	70	……….	……….
Zaky	60	60	50	……….	……….
Hala	85	75	60	……….	……….
Maximum	……….	……….	……….		
Minimun	……….	……….	……….		

Hint: you should use sum, average, min, max functions.

Question 2:

Create a data-base using the Access application called "Shoubra Faculty". It contains two tables called "Student" and "Department". The "Student" table should contain information related to the students in the faculty such as: First Name, Last Name, Date of Birth, Gender, Address, Department, ID, ………. etc. The "Department" table should contain information about the existing departments in the faculty such as: Department Name, Department ID, Description, ………etc.

   a. In each table you must determine something called "Primary Key". What is it?
   b. Make a relation between these two tables. What is the relation types?
   c. Make a query that returns:

      I.   All information of the students who are male,
      II.   All information of the students who leaves in "Benha".
      III.   All information of the students with "Mohmed" as a first name.
      IV.   First names and last names of the students who are male and their age are greater than 18 years. (can we do it without a field in the student table called "age".