

Suggested research topics

Winter semester of the academic year 2019/2020

Course name in Arabic: برمجيات الكمبيوتر وقواعد البيانات
Course name in English: Computer Database and Spreadsheet Applications
Professor Dr.: Diana Tharwat Mosa
Level: Two
Department: Aquaculture & Fish processing and Biotechnology

No.	Research title	Research items
1	Computer is an electronic data processing device has many components.	1- Characteristics of input devices. 2- Characteristics of output devices.
2	In businesses the simplest way to calculate salaries and taxes for your employees accurately is by using Microsoft Office Excel	1- Create your employees worksheet. 2- How Spreadsheets can help you to calculate net salary of employee after omitting tax. 3- Evaluate the salary according to <u>low</u> or <u>high</u> . (take a screenshot for every step and clarify the used formula)
3	Computer is an electronic data processing device has many components.	1- Central Processing Unit (CPU) 2- Memory 3- Motherboard
4	Microsoft Access is good for organization, storage, and retrieval of patients' data. It offers the functionality of a database and the programming capabilities to create easy to navigate screens (forms)	1- Create your patients' database. 2- Create patients' form to deal with database. (take a screenshot for every step in building database)

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5	<p>With the help of Microsoft Office Excel you can process the degrees of multiple students</p>	<p>1- Create your students worksheet.</p> <p>2- How Spreadsheets can help you to calculate average of degrees.</p> <p>3- Determine the Student status whether <u>pass</u> or <u>fail</u>.</p> <p>(take a screenshot for every step and clarify the used formula)</p>
6	<p>In businesses the simplest way to calculate salaries and taxes for your employees accurately is by using Microsoft Office Excel</p>	<p>1- Create your employees worksheet.</p> <p>2- How Spreadsheets can help you to calculate total salaries for all employees in the company.</p> <p>3- Use a chart to compare different values of salaries for all employees in the company.</p> <p>(take a screenshot for every step and clarify the used formula)</p>
7	<p>Microsoft Access is good for organization, storage, and retrieval of students' data. It offers the functionality of a database and the programming capabilities to create easy to navigate screens (forms).</p>	<p>1- Create your students' database.</p> <p>2- Create students' form to deal with database.</p> <p>(take a screenshot for every step in building database)</p>

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No.	Research title	Research items
8	A computer network is a system in which multiple computers are connected to each other.	1- The required hardware to setup a computer network. 2- Characteristics of a computer network. 3- Different types of a computer network.
9	With the help of Microsoft Office Excel you can process the degrees of multiple students, student has three evaluations (practical, oral and theoretical) for each course.	1- Create your students worksheet. 2- How Spreadsheets can help you to calculate course degree. 3- Use a chart to compare different values of degrees for all students . (take a screenshot for every step and clarify the used formula)

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