

**Under the patronage of His Excellency the
Minister of Education
Mr. Mohamed Abdel Latif**

**and the directives of
Dr. Hala Abdel Salam**

**Head of the Central Department of General
Education**

Evaluations and Assignments

**Information and Communication Technology
for the Second Preparatory Grade
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Second Preparatory Grade – Weekly Evaluation and Homework – Week (7)

Weekly Evaluation

First Test

Put (✓) in front of the correct statement or (x) in front of the incorrect statement:

1. The pandas library is used to read Excel files and analyze data. ()
2. The head() function displays the entire table data. ()

Second Test

Put (✓) in front of the correct statement or (x) in front of the incorrect statement :

1. The grades.max () command calculates the average of students' grades. ()
2. df.corr() helps to know the relationship between different subjects. ()

Third Test

Put (✓) in front of the correct statement or (x) in front of the incorrect statement :

1. The grades.mean() code gives the highest grade, not the average. ()
2. plt.show() does not display the chart. ()

Class Evaluation

Dear student: Import an Excel file containing students' grades for a number of subjects, and perform several calculations such as (calculating averages – finding the highest and lowest grades in each subject) to determine the number of successful students.

Homework

Choose the appropriate answer to complete each of the following statements:

1- Which of the following is used to display the chart?

- | | |
|----------------|-----------------|
| a- plt.show(). | b- plt.start(). |
| c- plt.run(). | d- plt.open(). |

2- What is the command used to load an Excel file?

- | | |
|--------------------|---------------------|
| a- pd.load_file(). | b- pd.load_excel(). |
| c- pd.open(). | d- pd.read(). |