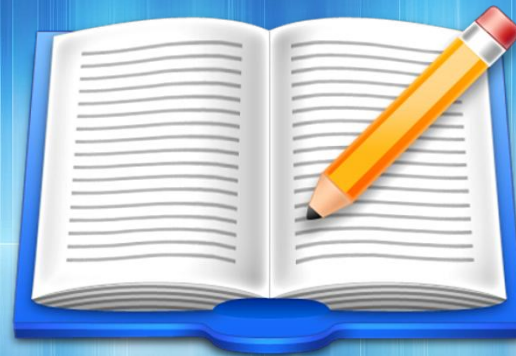VCZ

HISTORY OF COMPUTERS

CHAPTER 4 - EXERCISES

EVANGELOS C. ZIOULAS (IT TEACHER)

EXERCISE 1

Answer the following questions:

1. Why did man begin to construct calculating machines or invent calculating techniques since ancient years?

2. What problems do you think came up from the large size of the first computer systems?

3. What technologies of the past have led to the significant shrinking of the modern computer systems?

4. Which computing device caused important changes in the market of personal computers?

5. Do you know any machines of the past that operated with the binary system even though they are not directly associated with computer technology?

EXERCISE 2

Based on your knowledge and the experience you have in technological issues, give a few examples for each one of the following questions:

1. During the long period of computer evolution, which has been running from antiquity until our days, which calculating machines impress you the most and why?

2. What kind of devices do you believe modern technology will be able to develop in the near future?

3. What kind of devices you consider impossible to be developed based on the capabilities of current technology.

EXERCISE 3

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- Visit the site of *Science Center and Technology Museum* www.noesis.edu.gr and explore the technology of the past.

- Open the **Science & Technology** tab, and then open the **Computers** section. In this section, select one mechanism of the past that you are interested in, and make a card in your notebook describing the purpose for which this mechanism was constructed.

PHOTOGRAPH OF MECHANISM

NAME OF MECHANISM: ....

SHORT DESCRIPTION OF OPERATION:

DESCRIPTION OF UTILITY:

COMMENTS: ....