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THE ESSENCE OF E-LEARNING

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Electronic learning, also known as e-learning, is a modern and innovative approach to education that utilizes electronic technology to deliver educational content to students. It has become increasingly popular in recent years due to its many benefits, such as flexibility, convenience and cost-effectiveness.

Programming is closely linked to e-learning, as many e-learning courses and platforms rely on programming languages and software to create and deliver educational content. Programming skills are also essential for developing and maintaining e-learning systems. Moreover, programming skills are increasingly in demand in the job market, with many industries requiring employees who can develop and maintain software systems.

One of the significant benefits of e-learning is its flexibility. It gives you opportunity for getting different materials and complete assignments at their own pace and schedule and allows students to learn from any location worldwide, provided they have internet access. The introduction of e-learning technologies into the educational process creates additional conditions for improving the quality of education by:

• using the latest technologies and teaching methods;

• collective educational activities in various fields;

• expansion of electronic space and expansion of free access to information and   educational resources;

• using a research approach;

• using various tools to assess educational progress.

Considering the topic of e-learning, the question may arise about the types of information resources that we can use in online learning. These can be: e-mail, video conferences, training platforms, electronic textbooks, articles, methodological, virtual, reference materials such as dictionaries, encyclopedias.

But what about the positive and negative aspects of e-learning? This type of training allows you to search for the necessary information yourself, to understand the material without the help of persons competent in this field, contributes to your cultural and humanitarian development, the ability to form your thoughts. Moreover, e-learning is cost-effective, making education accessible to a broader range of students. In addition, there are also negative aspects of this type of training. For example, the need for high self-discipline, technical equipment. It can be some challenges, such as the lack of face-to-face interaction between students and teachers. You are deprived of the opportunity to ask questions in real time.

E-learning today is an educational process in which interactive means of information transmission are used: compact disks, the Internet, corporate networks. However, addressing the challenges associated with e-learning is necessary to ensure that students receive a high-quality education. With continued advancements in technology and pedagogy, e-learning has the potential to revolutionize education for future generations.

References

1. Problems of e-learning [Electronic resource]. – Mode of access: https://1economic.ru/lib/113372. – Date of access: 15.04.2023.

2. E-learning – Online presentation [Electronic resource]. – Mode of access: https://ppt-online.org/414205 15.04.2023. – Date of access: 15.04.2023.