**18.03.24**

**Иностранный язык**

**Радюхина Т.П.**

**Тема:** Спецификa рaботы прогрaммистa и основные принципы деятельности по профессии**.**

**Тип занятия:** Практическое занятие.

**Основные вопросы:**

1. Выписaть словa с текстa и выучить.

2.Читать и переводить текст.

3.Письменно перевести выделенный текст.

Profession programmer.

A programmer is a person who writes computer software. The term programmer can refer to a specialist in one area of computer programming or to a generalist who writes code for many types of software.

Anyone who practices a formal approach to programming may also be known as a programmer-analyst. The term programmer can be used to refer to a software developer, software engineer, programmer, analyst, or software engineer. However, representatives of these professions, as a rule, have other software development skills besides programming. For this reason, the term «programmer» is sometimes considered a simplification of these other professions.

Programming is the work of the future. The main task of a programmer is to put code into a computer that tells what to do. Computer programming consists of two fields: system programmers and application programmers. System programmers put the codes into the main computer system. Application programmers, on the other hand, work with one type of software or computer applications and program them. It is very rare that you will see someone specializing in both types of programming, since each of the two programmers must know completely different skills.

**Skills needed by a programmer**

**In both types of computer programming, it is necessary to have basic typing and computer repair skills. System programmers should have the skills and be familiar with hardware specifications and designs, memory management and structure. Application programmers don't need to know these skills, but they do need to know the following: standard interface protocols, data structure, program architecture, and response speed. Personally, I know the basic skills of working with a keyboard and some minimal repairs, but still I do not know many other skills necessary for this profession.**

Responsibilities of the programmer

The responsibilities of a programmer are basically the same as most work responsibilities. You have to come to work on time and do your job the way it is expected of you. I think it's not so difficult to follow these rules.

Programming training

To be a programmer, you need a bachelor's degree. Although this is optional, it is recommended to take basic or advanced programming, in some technical computer science classes logic or system architecture is taught. In high school, you can take basic computer courses such as keyboarding and computer skills. After graduating from high school, you can take some college courses and computer classes related to computer programming. However, to be a certified computer programmer, you need a bachelor's degree.