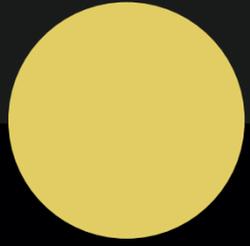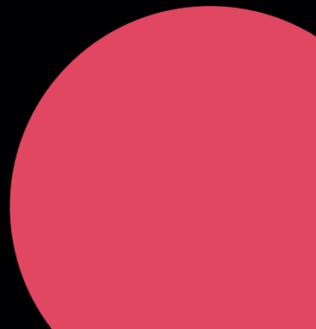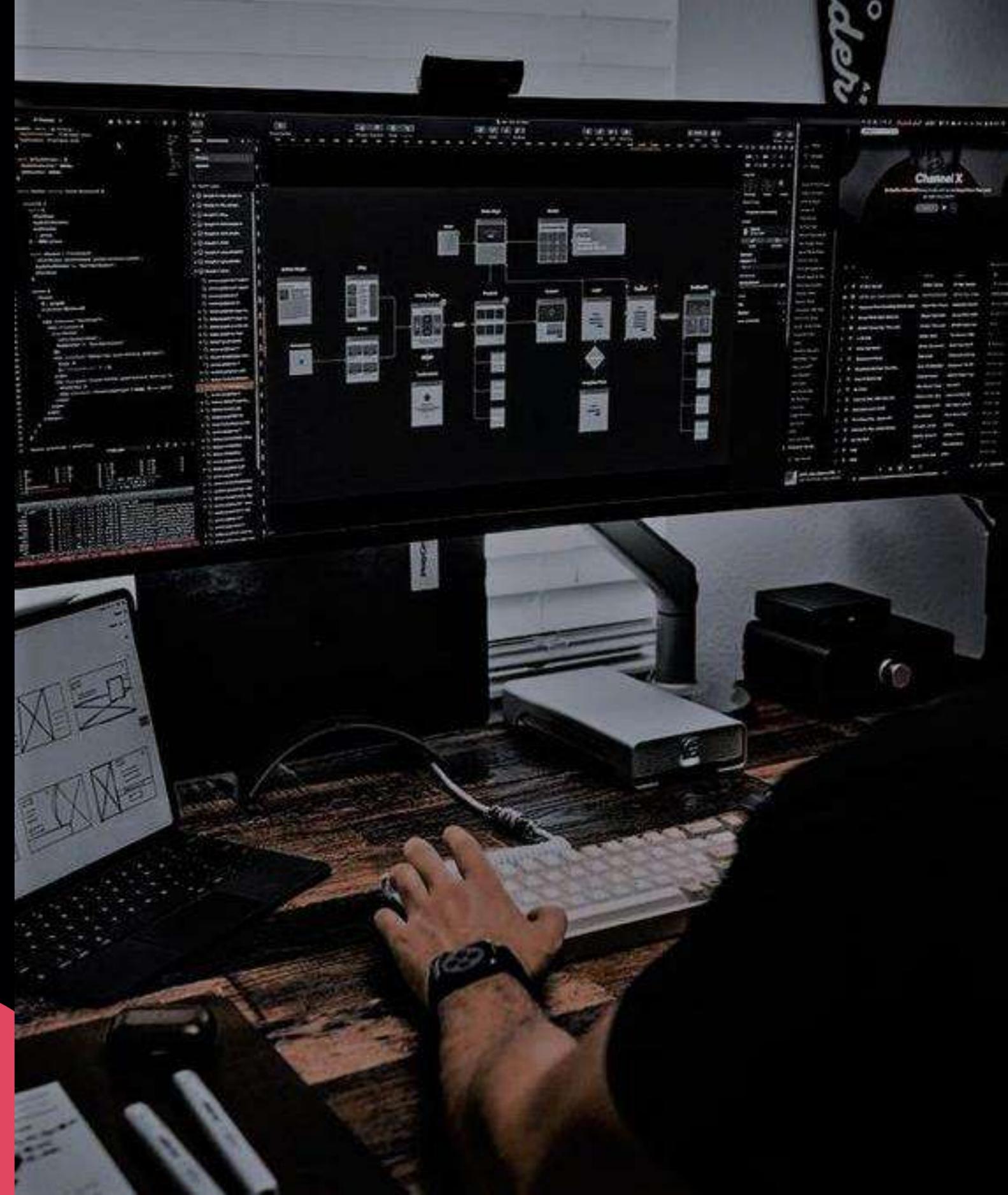# MY FUTURE PROFESSION: PROGRAMMER

MADE BY A STUDENT GROUP IK-32

SHYTOVA MYROSLAVA

WHO IS A PROGRAMMER?

A programmer is someone who writes/creates computer software or applications generally by providing instructions (commonly through the use of a specific programming language) to the computer.
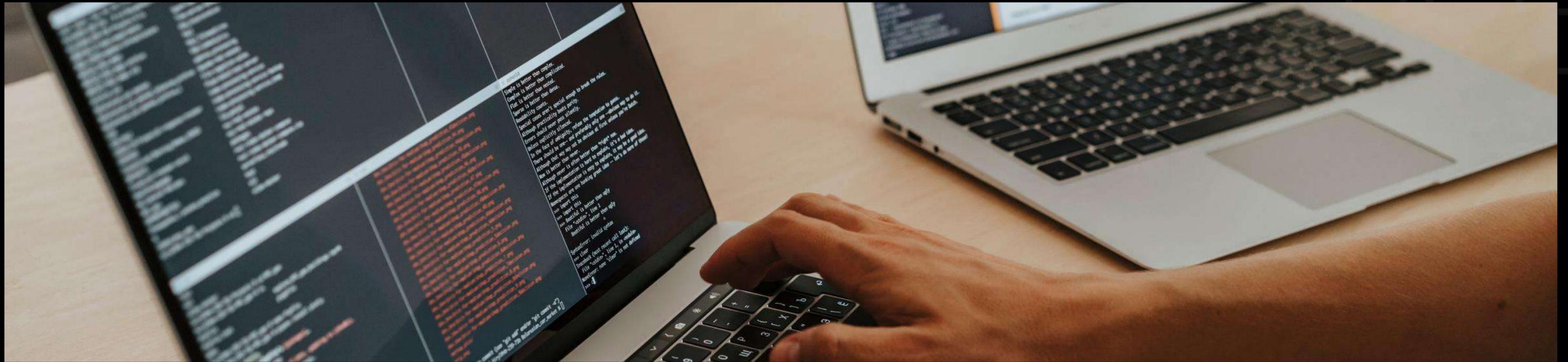
REQUIREMENTS FOR PROGRAMMERS

- upper-intermediate knowledge of English;
- skill to work in team;
- ability to think abstractly;
- knowledge of mathematics;
- responsibility, ability to determine and meet deadlines;
- readiness for constant self-learning.

WHO CAN BECOME A PROGRAMMER?

You can become a programmer at any age. The profession is suitable for men and women with good analytical skills, logic, knowledge of mathematics and, of course, English. In programming, not only practical skills are important, but also ideas.

PROGRAMMER SPECIALIZATIONS

Developers can be divided into two categories depending on their specialization.

Application programmers

They develop application software - games, accounting programs, editors, instant messengers, etc. They also adapt existing programs to the needs of a specific organization or user.

System programmers

They develop operating systems, robots, work with networks, write interfaces to various distributed databases. They write code for hardware. Systems programmers are among the rarest and highest paid.

Programming language

Developers solve very different problems, and not all programming languages are equally suitable for solving these problems. Here is a list of the most popular programming languages:
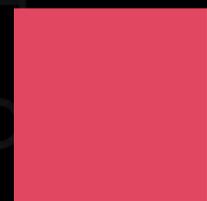
PHP

Java

C#

C++
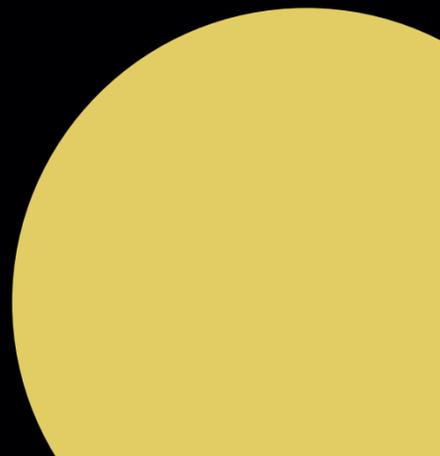
Python

JavaScript

WHERE DO PROGRAMMERS WORK?

Programmers have a wide range of application of professional knowledge:

- IT companies;
- banks;
- factories;
- transport companies;
- commercial enterprises;
- government agencies;
- web studios;
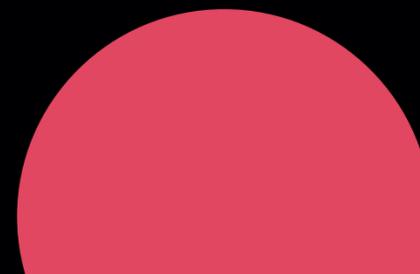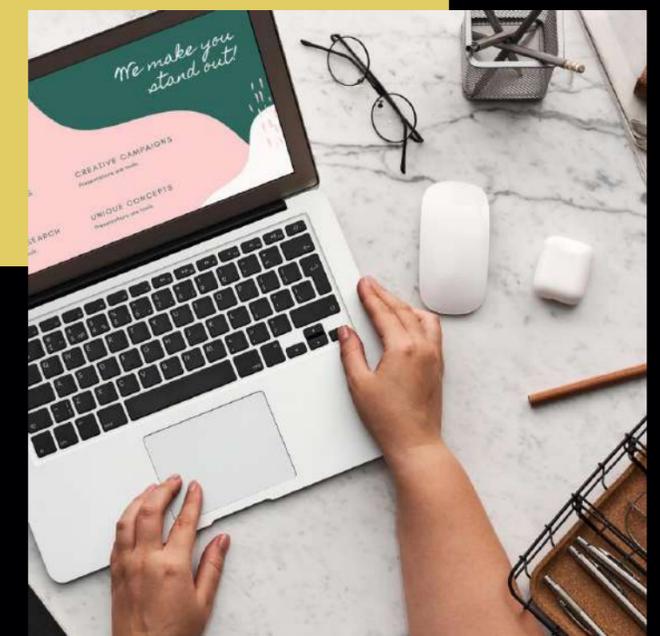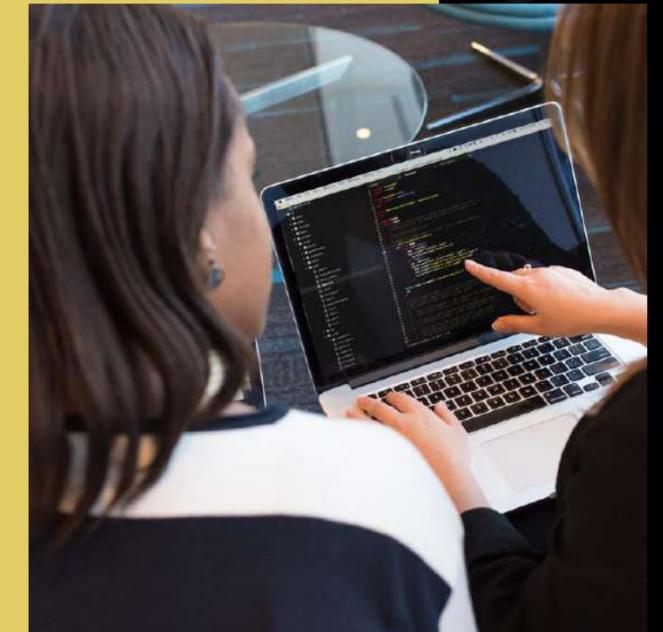- game studios;
- research centers, universities

PROGRAMMING CAREER: JUNIOR, MIDDLE, SENIOR

Junior

June is not a zero level programmer, but a beginner programmer level after training and some practice. At work, juniors carry out assigned small parts of the project, and not the entire project.
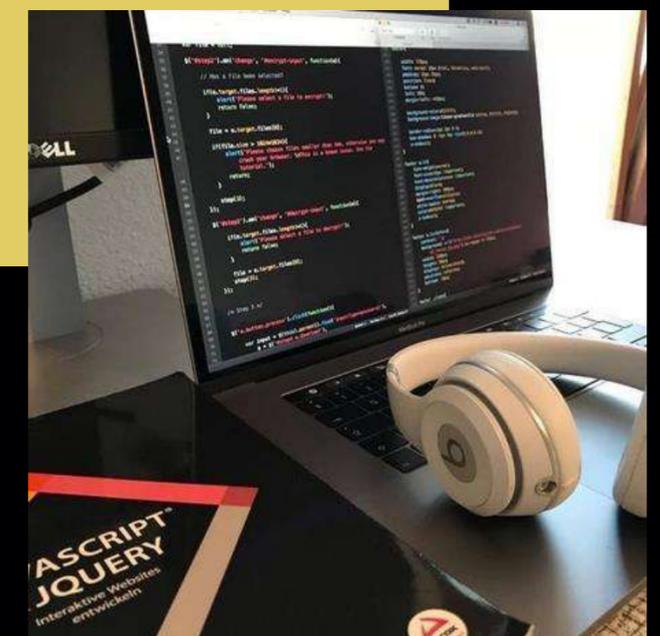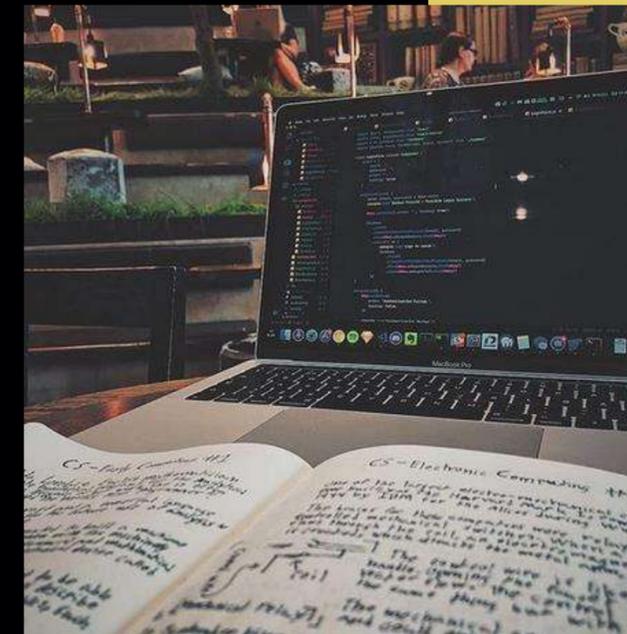
PROGRAMMING CAREER: JUNIOR, MIDDLE, SENIOR

Middle

A middle is a completely independent programmer who can cope with any task. A middle must understand the goals and objectives of the product he is developing, as well as have a good understanding of the subject area in which he works
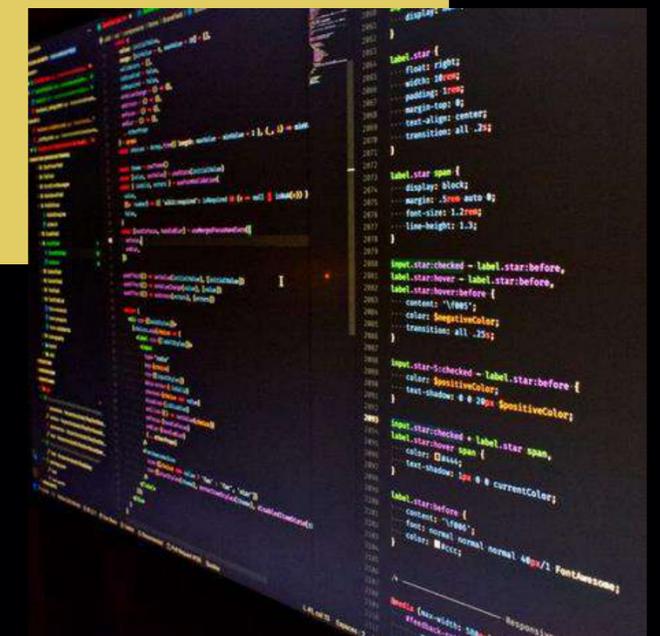
PROGRAMMING CAREER: JUNIOR, MIDDLE, SENIOR

Senior

A senior is a highly qualified programmer. The senior has a deep understanding of the project structure, frameworks and development tools.
A senior can become the head of a group of programmers, IT project manager, IT director of an enterprise, etc.

THANK YOU