

Региональный этап Всероссийской олимпиады профессионального мастерства среди обучающихся по специальностям среднего профессионального образования (УГС 09.00.00 Информатика и вычислительная техника)

Конкурсное задание I уровня: перевод профессионального текста

Время на выполнение задания: **60 минут**

Допустимо использовать расположенный D:\00\Словарь.pdf Современный англо-русский словарь компьютерных технологий. – М.: Бук-пресс, 2006. – 528 с. (PDF)

Задача 1. Выполните перевод предложенного текста (ответ оформляется средствами текстового редактора пакета Office 2013 Professional Plus).

Задача 2. Ответьте на поставленные вопросы (ответ оформляется средствами текстового редактора пакета Office 2013 Professional Plus в том же документе что и перевод).

Задача 3. Распечатайте результат в 3х экземплярах. В правом верхнем углу каждого экземпляра проставьте номер участника полученный при жеребьевке.

Computing languages

C++ was developed from the C language. It was designed as a systems programming language with features that make it easy to control the computer hardware efficiently. It was used to produce the Microsoft Windows operating system. It is portable, i.e. programs written in C++ can be easily adapted for use on many different types of computer systems.

HTML stands for Hyper Text Markup Language. It is a page description language used for creating webpages. HTML uses a system of tags to mark page links and formatting. For example, the tag <u> tells the program to start underlining a text. Although programs cannot be created using HTML, small programs can be embedded in HTML code using a scripting language like JavaScript.

Java is a programming language originally designed for programming small electronic devices such as mobile phones. It can run unchanged on any operating system that has a Java Interpreter program. Java is used for writing programs for the World Wide Web.

JavaScript is a scripting language. It is powerful and easy to use. Scripts are small programs that can be used to perform simple tasks or tie other programs together. JavaScript is designed for use inside webpages. It can enable a webpage to respond to a mouse click or input on a form. It can also provide a way of moving through webpages and produce simple animation.

Visual Basic is a programming environment, not simply a language. It uses the language BASIC, a simple language developed to make it easy for people to learn how to program. Visual Basic has predefined objects such as dialog boxes, buttons, and text boxes which can be chosen from a toolbox and dragged across the screen using the mouse and dropped into the required position. BASIC programming code is attached to form a complete program. Visual Basic is used to write general purpose applications for the Windows operating system.

Delphi is similar to Visual Basic. It is also a programming environment for developing programs for the Windows operating system. It has predefined objects that can be chosen from a toolbox. In Delphi, however, the code attached to the objects is written in a form of Pascal. You can think of Delphi as a kind of 'Visual Pascal', Like Visual Basic, it is often used for general purpose programs.

Questions:

1. Which language uses a system of tags?
2. Which languages are designed to be used inside webpages?
3. Which language was used to write the Windows operating system?
4. What is a 'portable' language?
5. Which language can have small programs embedded in it using JavaScript?