

# C++ Homework Help

The other day I had a chance to conduct a practical programming lesson for students of the tenth grade at one of school. Six years ago, I taught a programming course at the polytechnic, but then I didn't be afraid to say that I had a full two semesters of time for lectures and laboratory classes. And here it was only half an hour from the force, and I had not worked with such a young contingent yet. "Okay," I said to myself. And began to prepare. I was given several tasks that could be solved with schoolchildren. The first of them occupied as much as 70 lines of Hindu code. Prepared his decision from 10 lines. I thought, "First I will give one solution, then I will show another." I rewrote another task in order to shift the accents from programmer features to the subject area (the task was geometric). The third task was the simplest one person enters a number from the keyboard, the other one guesses. Not interested. Let the computer better guess and give hints. For each task came up with a sequence of presentation of the material. When the time came, and the students sat down at the computers, I asked them: "Do any of you have programming experience? Have any programming languages already been studied? Having received a negative answer, he mentally told himself "Sad", put aside two sheets with a printout of the code of three and made a statement: "Well, well Then let's start programming!".

## Programming Homework Help

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For coders, this article is probably of no interest. My story will be about teaching methods in a limited time for people with a fragile child psyche using the example of just one lesson. I invite everyone to the cat!

The introductory word about programming began like this. "Computers are now being used in almost every sphere of human life. Therefore, it does not matter which way you choose, whom you will learn, to be able to program is important enough. With the help of this science, you can get significant benefits. Further, I gave an example of the "traveling salesman problem", formulating it as follows: "Imagine that you are working in New Mail. You need to deliver a lot of parcels to different cities. It would be nice to choose the path that would be as short as possible. It will save money the courier will work less hours, gasoline will spend less liters. And a small transition: "But, unfortunately, the computer itself does not know how to solve such problems. He is able to perform only arithmetic and logical operations "(well, and others, but let's not talk about it now). "And he does it over numbers in the form of zeros and ones" (let's not waste time talking about the binary number system I hope it is in the school curriculum). "Computer commands (machine instructions) are also given in the form of numbers. But usually programmers write programs in languages understandable to humans for example, C, [Java](#), C Hearing the "[C-plus-plus](#)", the children came to life. "To convert a program's code into computer commands, there are several types of programs, for example, compilers. To make it more convenient to work with it, we will use another program the development environment, which also includes a text editor and many other useful tools. Find the shortcut on the desktop for the Code Blocks program and launch it. Then I told how to create a new project and in detail, line by line, described the contents of the file with the program. Line numbering helped a lot. But the interpretation of the terms turned out pretty loose.

1. [Programming Homework Help](#)
2. [Do my Homework](#)