

Object-oriented Programming in C++

Practical Worksheet 3

Questions

*(Questions marked * need to be submitted to the NOW dropbox.)*

(Make a Visual Studio solution file by creating a new Visual Studio project for the first question. Add .cpp files, etc. Add further Visual Studio projects to this solution for each question.)

LECTURE 3:

24. Write a program that declares a character array `cArray` and then uses the code below to store the letter 'A' in it before outputting the contents of the array. What is the result? Can you insert a second assignment statement to ensure that only one letter is output?

```
cArray[0] = 'A';  
cout << cArray;
```

OUTPUT:

25. Write a program that reads one line of text and displays it with all the blanks removed.
26. Modify your program from question 25 to display the number of vowels that were read.
27. Modify your program from question 26 to display the number of words that were read.
28. Modify your program from question 27 to display the number of three-letter words that were read.
- 28*. Write a program that reads one line of text and displays a table showing the number of occurrences of words of each length from 1 to 20. (Words of length over 20 can be ignored.)
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