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<u>CSCI111, Fall 2021 - Quiz 1 (write legibly, please!)</u>

<u>Use the back page if you need more space for writing.</u>

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1. There are 3 activities that must be done when programming and producing results. What are those activities? First thing is to create the shell of the program (#include <iostream>, int main() {}), then if you don't want to write "std::" each time you want to output or input something, you'd write "using namespace std;" after #include <iostream>, but is optional. The last thing withing your main() {} would to write "return 0;" so your program doesn't terminate too early.

(1)

See back ←

2. "does_nothing.cpp" is posted on CSCI111 course website and it **truly** does not produce any output. Then, is it useless? If so, then, why bother with it? Please explain - briefly.

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It's not useless in the sense that when executing & compiling it, and you recieve no errors from the program, it means that you've set up your code correctly in order to then write your actual code and making sure your shell is set up properly.

3. What does "iostream" mean in the very first line of ALL your C++ programs (#include <iostream>)? Please explain briefly. It basically means that you're able to take commands/from your inputs (keyboard, mouse, ect) and have the code to actually read from those and output ok those.

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4. **Correct** ALL that could be wrong.

```
#include <iostream.h>    #include <iostream>
Using namespace std;     using namespace std;
int Main()               int main()
{
return 0;

}
```

#1 you, are explaining the syntax of a program.

3 activities are

① Capture (write) the code.

② Compile your code (*.cpp)

③ Run (Execute) the code (program).