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Exam 1 Cheat Sheet

1. Remember, to type cast you put the new data type in front of the variable;
   int x;
   float y = float(x);
2. Remember to #include <iomanip> in order to use formatted output;
3. Don't forget semicolons;
4. Don't forget cout << and cin >>;
5. When including <iomanip>,
   cout << setprecision(n) << fixed << showpoint;
6. Remember to #include <cmath> when doing math functions, like sqrt();
7. Need to #include <string> in order to use string data type;
8. In order to get string to include whitespace in the stored value,
   getline(cin, variable);
9. Implicit conversion is a conversion such as int to double, there is nothing in the program specifying to convert data type;
10. Explicit conversion is specifying to the computer to convert a data type. It is called type casting;
11. Syntax error, logic error, runtime error;
12. << and >> for cin and cout are extraction operators;
13. Preprocessor directives are #include<library>;
14. Escape sequences '\n', '\t', '\b';
15. Implicit conversion is also called type coercion;
16. Blank spaces in code are called whitespace;