## conio Library

Visual C++ includes a nonstandard library, *conio*, which contains a number of low-level input and output routines. These routines do "direct" console I/O and are specific to Visual C++. These routines work directly with the hardware and are not redirectionable. Other C++ compilers also have a *conio* library, but there routines are named slightly different and may work a bit different from the ones listed below.

To use any of these functions, use "#include <conio.h>" above main().

Unfortunately these routines are not always compatible with iostream functions, but they do allow such things as

- -Reading a char without requiring the enter key (unbuffered input).
- -Reading a char with no screen echo.
- -Detecting whether a char is waiting to be read.

## Some of the functions are:

```
Reads a character from the keyboard immediately, without waiting for newline (unbuffered or raw input). No screen echo is provided.

int _getche(void) Behaves exactly like getch, but it provides screen echo. Note however that this screen echo cannot be redirected.

int _kbhit(void) Returns non-zero integer (true) if keystrokes are waiting to be read, a 0 otherwise.

int putch(int Ch) Displays the character Ch on the console. Return value can be used to check for success, but is usually ignored.

int _cputs(const char * Str) Displays the string Str on the console.
```

Example below to count number of characters entered, stops at carriage return.