Manipulator	I/O	Purpose
Independent Flags		**Turns Setting On**
boolalpha	I/O	sets boolalpha flag
showbase	O	sets showbase flag
showpoint	O	sets showpoint flag
showpos	O	sets showpos flag
skipws	I	sets skipws flag
unitbuf	O	sets unitbuf flag
uppercase	O	sets uppercase flag
Independent Flags		**Turns Setting Off**
noboolalpha	I/O	clears boolalpha flag
noshowbase	O	clears showbase flag
noshowpoint	O	clears showpoint flag
noshowpos	O	clears showpos flag
noskipws	I	clears skipws flag
nounitbuf	O	clears unitbuf flag
nouppercase	O	clears uppercase flag
Numeric Base Flags		
dec	I/O	sets dec flag for i/o of integers, clears oct,hex
hex	I/O	sets hex flag for i/o of integers, clears dec,oct
oct	I/O	sets oct flag for i/o of integers, clears dec,hex
hexfloat (C++11)	I/O	sets hexadecimal floating point formatting
defaultfloat (C++11)	I/O	clears the float field formats
Floating Point Flags		
fixed	O	sets fixed flag
scientific	O	sets scientific flag
Adjustment Flags		
internal	O	sets internal flag
left	O	sets left flag
right	O	sets right flag
Input Only		
ws	I	extracts whitespace
Output Only		
endl	O	inserts a newline **and flushes output stream**
ends	O	inserts a null
flush	O	flushes stream
Parameterized Manipulators(these require the *iomanip* header file)		
resetiosflags(ios_base::fmtflags mask)	I/O	clears format flags specified by mask
setbase(int base)	I/O	sets integer base (8, 10, or 16)
setfill(char_type ch)	O	sets the fill character to ch
setiosflags(ios::base::fmtflags mask)	I/O	sets format flags to mask value
setprecision(int p)	O	sets precision of floating point numbers
setw(int w)	O	sets output field width to w
get_money (C++11)	I	parses a monetary value
put_money (C++11)	O	formats and outputs a monetary value
get_time (C++11)	I	parses a date/time value
put_time (C++11)	O	formats and outputs a date/time value
quoted (C++14)	I/O	Allows input/output of quoted text